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OF THE

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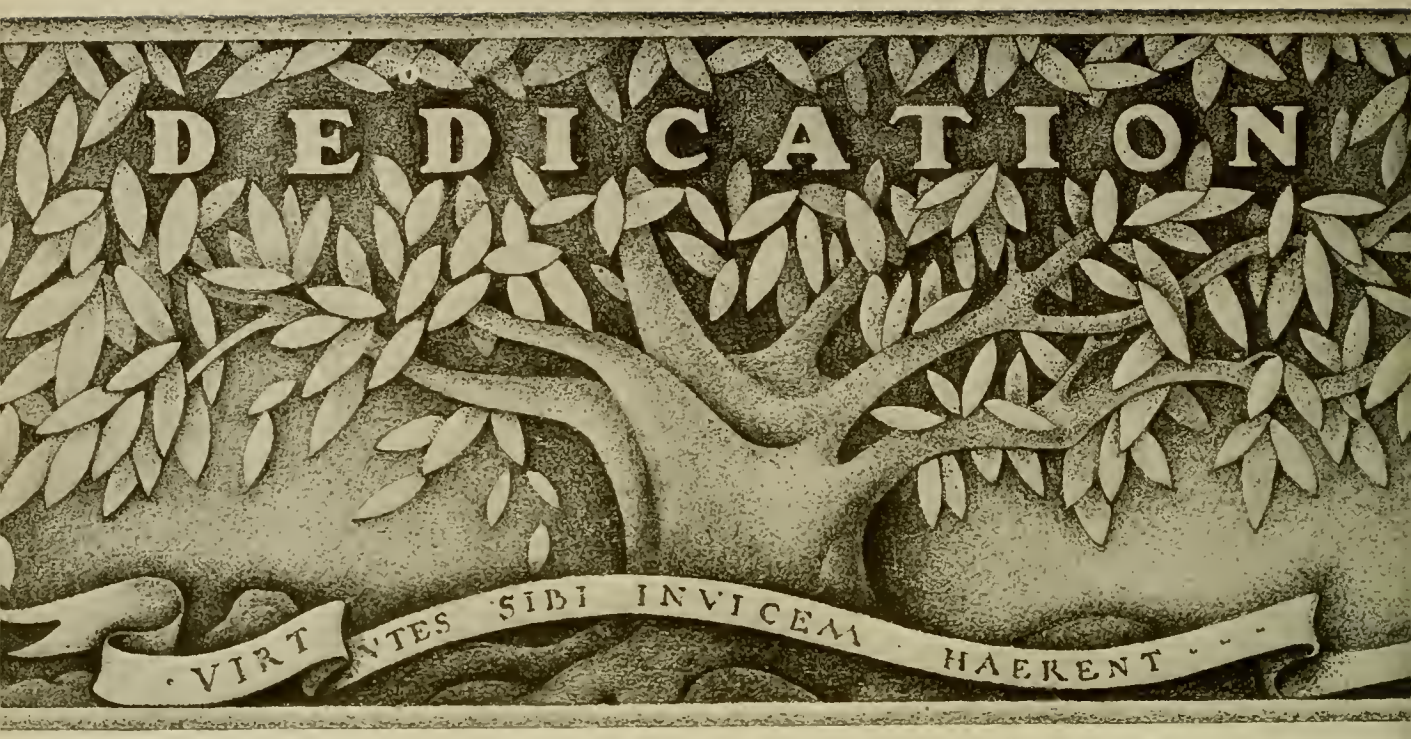
Business Manager

TERRA MARIAE
1937



Archives

In tribute to his profound knowledge, his inspiring teaching, and his deep understanding and encouragement, this the forty-first volume of the Terra Mariae is dedicated to . . .

Dr. E. G. Vanden Bosche

FOREWORD

The years spent in college assume, in later days, an interest and importance which we can hardly appreciate at the present time. Those things learned by study within school walls, are, at best, but the foundation, the key-note, of that vast body of knowledge that almost everyone insensibly accumulates in the span of a full life-time. And so, when we reflect from the vantage-point of the future upon our college days, it will not be to studies that our mind turns, but to those pleasanter, and, in the long run, more profitable experiences which four years in college have afforded us.

It is in this spirit that the 1937 Terra Mariae is offered to the students of the School of Pharmacy. It is our desire, as editors, to fix on paper an instant or so of the fleeting moment: to provide a permanent keep-sake and reminder of days that shall soon be gone, of old friends, of enjoyable and pleasant occurrences. We have striven to capture, to embalm, as it were, a section of college spirit for future scrutiny and reminiscence. In the process, doubtless much of the vitality has been lost, but the editors content themselves with the reflection that no efforts are in vain if applied to a worthwhile object.

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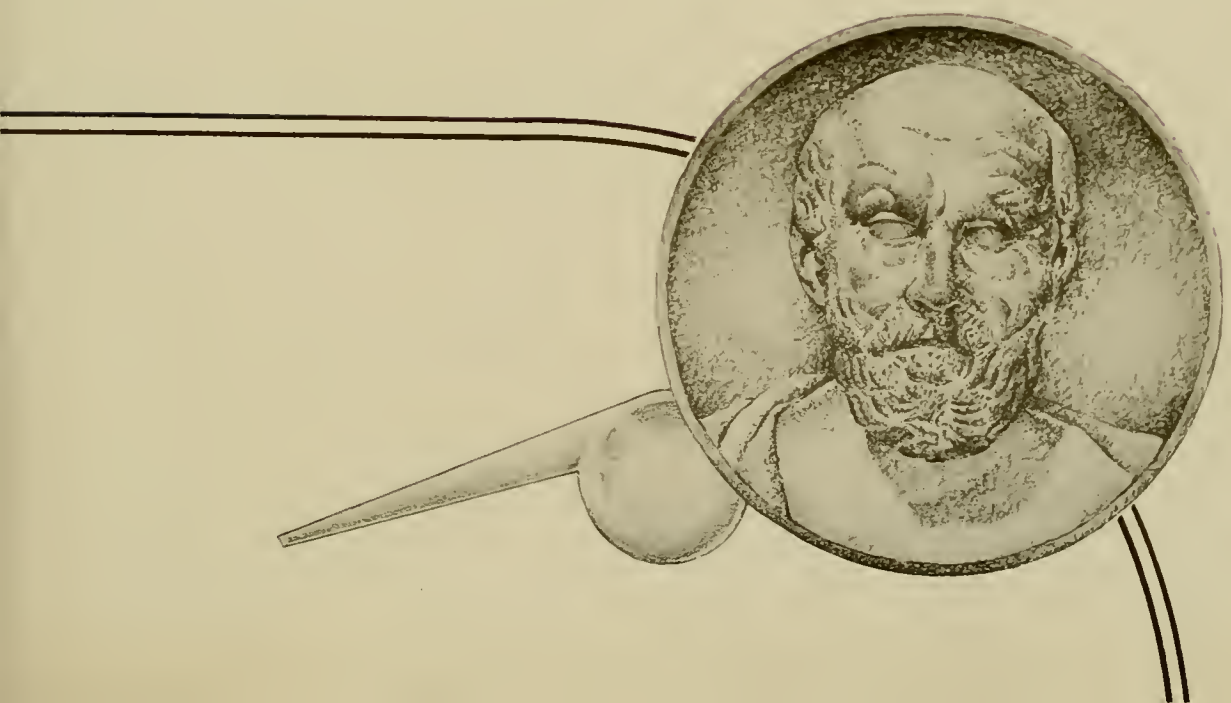
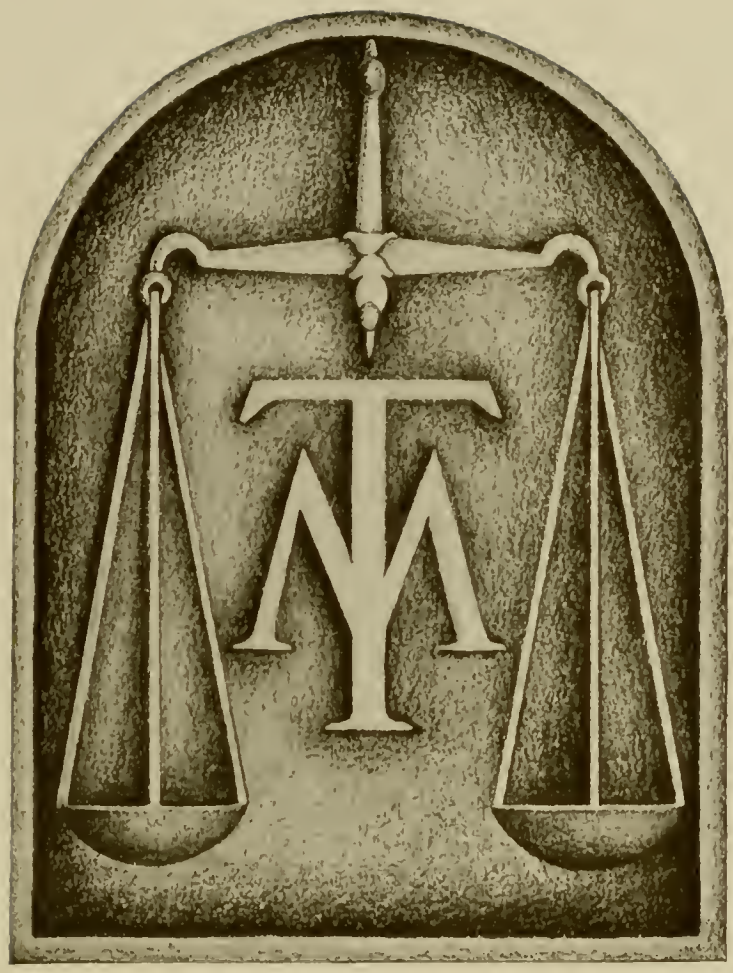


HARRY W. NICE, A.B., LL.B.
Governor of the State of Maryland

Harry Clifton Byrd
President of the University

Andrew Grover DuMez, Ph.G., B.S., M.S., Ph.D.
Dean of the School of Pharmacy



BOOK ONE

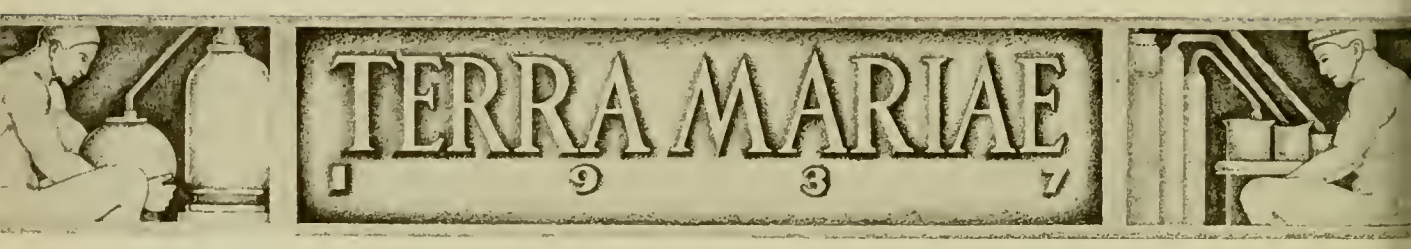
HEINRICH EMANUEL MERCK was born in Darmstadt, Holland, in 1794. After finishing school, he undertook the management of the small family apothecary-shop, which had been founded in Darmstadt by his grandfather, an intimate friend of Goethe. Although he was but 22 at this time, he was a sober-minded student; and without neglecting the business, pursued advanced studies at several German universities.

Merck soon became a fast friend of Liebig, the brilliant organic chemist. It was this acquaintanceship which aroused the great interest in alkaloidal work that was later to make Merck, and the chemical house he founded, famous and respected.

He began to manufacture alkaloids and their preparations in the old pharmacy in Darmstadt; and in a short time the news of the fine quality of his products penetrated even beyond the borders of Germany. In 1833, he introduced the manufacture of santonin. Since he was the first, and for a long time, the only producer of this substance, both his sales and his reputation grew apace. He found his modest establishment rapidly becoming quite a large chemical manufacturing concern.

Liebig, at this time, was proud to place his son in Merck's business, testifying to the high regard in which it was held. The company continued in the hands of Merck's sons, who persevered in the alkaloidal tradition, doing many fine pieces of work in this line themselves.

Today, nearly a century after Merck's death, in 1855, the organization which he created is still the foremost in the world in alkaloidal work; which adequately attests the solidity of the foundation that Merck constructed.



Heinrich Emanuel Merck
(1794 — 1855)

The School

PHARMACY AND DENTAL BUILDING

History of The School Of Pharmacy

THE need of an institution where apprentices in pharmacy could be given systematic instruction in the sciences underlying their profession had long been felt by leading pharmacists and physicians, when in 1841 a charter was obtained from the General Assembly for the Maryland College of Pharmacy. The incorporators, seventeen in number, and among whom were Messrs. George M. Andrews, Thomas G. McKenzie, R. Rush Roberts, Robert Coleman and Dr. David Stewart, immediately organized and established courses of instruction in chemistry, pharmacy and materia medica. These men carried on the work of the college until 1847, when, owing to the death of some members and change of business of others, they were compelled to suspend all lectures. During the period of operation, however, they graduated a number of eminent pharmacists, to whose efforts in resuscitating and reorganizing the College in 1856 much is due. Among the older graduates appear the names of Messrs. Frederick A. Cochrane, Alpheus P. Sharp, William S. Thompson, Samuel Rodgers, J. Faris Moore, John W. Read and Christian Steinhofer. Of these, Messrs. Alpheus P. Sharp and William S. Thompson were not only earnest and active supporters of the College, but were adornments to the profession they represented, as well as graduates of whom their Alma Mater might well be proud.

In 1856 at the request of the graduates and a number of Baltimore pharmacists, the president, Mr. George W. Andrews, called a meeting which resulted in the election of thirty-one new members and a thorough reorganization of the College. The new Board of Trustees established three professorships. Dr. Lewis Steiner was elected Professor of Chemistry; Dr. Charles P. Frick, Professor of Materia Medica; and Israel Grahame, Professor of Pharmacy. A course of lectures was given during the season 1857-1858 to a class of intelligent and appreciative students, and the College took a new lease of life, which has since been maintained.

1876-1886

Dr. David Stewart gave the lectures in pharmacy during the period 1841-1846. Following the reorganization, the chair of Pharmacy was filled by Professor Israel J. Grahame, who was succeeded by Mr. L. Phillips, an earnest and interesting instructor. The sudden death of Professor Phillips caused the election of J. Faris Moore to the vacancy. Professor Moore was one of the oldest graduates of the College, and was a consistent and zealous worker in behalf of his Alma Mater, and in the interest of pharmacy, until his death. He continued in the chair of Pharmacy for nineteen years, when, on the resignation of the chair of Materia Medica by Professor Baxley, he was chosen Professor of Materia Medica. Then on March 8, 1879, Dr. Charles C. Caspari, Jr., who was later to play such an important part in the history of the Maryland College of Pharmacy was elected Professor of Pharmacy, which chair he continued to fill until his death on October 13, 1917. He was succeeded by Dr. Evander F. Kelly, class of 1902, who held the professorship until January, 1926, when it was taken over by Dr. John C. Krantz, Jr., class of 1919, who held it for one year. Andrew C. DuMez, Ph.G., B.S., M.S., Ph.D., the present Dean, now holds the professorship.

Mr. William E. A. Aiken was lecturer in chemistry from 1841-1846. From 1856 the professorship of chemistry was filled for a number of years by Dr. Louis Steiner. On his departure from the city he was succeeded by Professor Alfred Mayer, who after-

1884-1904

wards moved to New York, and he was in turn succeeded by a graduate of the College, Dr. Helsby, who remained a few years and then entered upon the practice of medicine. The chair was then occupied by Dr. De-Rosset, a man of great ability and a popular lecturer. Upon his resignation in 1873, the Board of Trustees elected the able and energetic Professor William Simon, Ph.D., M.D., to fill the vacancy. Daniel Base, Ph.D., became associated with Dr. Simon in 1895, and was elected Professor of Chemistry in 1902, which position he held until his resignation in 1920 to become associated with Hynson, Wescott and Dunning. The teaching of the basic courses in chemistry has been under the direction of the Department of Chemistry of the University of Maryland. In 1936 Glenn L. Jenkins, Ph.D., Professor of Pharmaceutical Chemistry since 1927, resigned to accept a similar position in the School of Pharmacy of the University of Minnesota. Dr. Walter H. Hartung, A.B., Ph.D., for the past decade research chemist for Sharp and Dohme, is the present professor.

Messrs. David Stewart and William S. Reese were the lecturers in Materia Medica 1844-1846. Dr. Charles P. Frick was elected Professor of Materia Medica June 5, 1856, and on April 7, 1858, Professor Frick, having been called to the chair of Materia Medica in the old University of Maryland School of Medicine, was succeeded by Professor Frank Donaldson, D.D. Like his predecessor, he also was called to a professorship in the University of Maryland. He was succeeded by Professor J. R. Winslow, in 1863, and the latter, on June 1, 1866, by Claude Baxley, M.D., who ably filled the position until 1879, when declining health caused him to sever his connection with the College. He, in turn, was followed by J. Faris Moore, M.D., who continued in this chair until his sudden death on February 3, 1888, when Dr. David M. R. Culbreth was elected to succeed him. Dr. Culbreth, who had always been an ardent worker for his Alma Mater, ably and efficiently held the professorship until June 10, 1920, when he

1904-1922

resigned from active duty and became Professor Emeritus. Dr. Charles C. Plitt* of the class of 1891 served as Professor of Botany and Pharmacognosy until his death.

1922-1929

Great advances have been made in the profession of pharmacy since 1856, and it has been found necessary to enlarge the curriculum from time to time to keep abreast of this progress. In the broadening of its curriculum, the school has been guided largely by the standards set by the American Association of Colleges of Pharmacy. In 1913, courses in pharmaceutical arithmetic, pharmaceutical latin, and pharmaceutical law were added. Recently the course in commercial pharmacy has been expanded, and in the future all work of this nature will be given by the department of economics. This department is presided over by Miss B. Olive Cole, Phar. D., LL.B., who is also Professor of Pharmaceutical Law.

In 1921, the curriculum was further broadened to include the general educational subjects, English, romance languages, algebra, trigonometry, zoology, and physics. In this same year provisions were made for teaching bacteriology. Since then a separate department has been organized to give instruction in this subject. At present, the department is presided over by Assistant Professor Arthur H. Bryan, V.M.D., who has done special work in bacteriology, and who is an experienced worker in the field of animal pathology.

1926-1929

In 1930, a department of pharmacology was organized in the school to give instruction in bio-assaying. The equipment of this department and its maintenance were made possible through the generosity of the late Captain Isaac E. Emerson, who endowed it liberally. At present, the department is in charge of Professor Marvin R. Thompson, Ph.D., who received his education at the University of Minnesota, George Washington University, and Johns Hopkins University, and who was formerly employed as pharmacologist in the Bureau of Chemistry, Washington, D. C.

Following the reorganization of the Maryland College of Pharmacy in 1856, control was vested in the officers of the College—President, first and second Vice-Presidents, Treasurer, and Secretary, who, together with the Board of Examiners (three members), constituted the Board of Trustees. The first president was Mr. Thomas G. Mackenzie,

* Deceased.

1840-1842, followed by Mr. Benjamin Rush Roberts from 1842 to 1844. Mr. George W. Andrews was president from 1844 to 1871, and was followed in succession by such illustrious pharmacists as Dr. J. Brown Baxley, Dr. J. Faris Moore, Dr. John F. Hancock, Dr. Joseph Roberts, Dr. Edwin Eareckson, Mr. William S. Thompson, Mr. Louis Dohme and Mr. Charles E. Dohme (1894-1904). In 1904, it became a department of the state university, when the old University of Maryland was merged with the Maryland State College. With this last merger, control was transferred to the officers of the University. The control of the University of Maryland is now vested in the Board of Regents, of which Dr. W. W. Skinner is Chairman. A Faculty Council, composed of the Dean and certain members of the Faculty, control the internal affairs of each separate school comprising the University.

Dr. Charles C. Caspari, Jr., became Dean of the Maryland College of Pharmacy in 1896, and continued as Dean after the merger of the College with the old University of Maryland, until his death on October 13, 1917. Dr. Daniel Base succeeded him, but because of conditions incident to the World War, Dr. Base obtained leave of absence to teach in another department, and Dr. Evander F. Kelly was elected Dean on September 30, 1918. This office was held by Dr. Kelly until December 31, 1925, when he became Secretary of the American Pharmaceutical Association. Dr. Andrew G. DuMez, formerly Associate Pharmacologist, Hygienic Laboratory, U. S. Public Health Service, is the present Dean.

When the institution was first chartered in 1841, the lectures were given in the amphitheater of the University of Maryland. Following the reorganization in 1856, and until 1876, the College occupied halls rented for the purpose. In the early part of the latter year, the city grammar school located at Aisquith Street near Fayette Street was purchased and after radical but needed changes, the College occupied what was then considered a very commodious home. However, as classes began to increase, the need was felt for more room and better facilities, and in 1886 a new building was erected on the old site. This building was fitted with the then-most-modern in scientific appliances, and was well stocked with the necessary apparatus, materials, and specimens. The College continued to occupy these quarters until it became the Department of Pharmacy of the University of Maryland, in 1904. At the present time the School of Pharmacy is located in the new Pharmacy and Dental Building at Lombard and Greene Streets, which building was made possible by an appropriation from the State of Maryland during the legislative session of 1929.

The new building is the realization of a great need for adequate quarters in which to teach the honored profession of Pharmacy in Maryland. Everyone interested in Pharmacy may well be proud of the splendid building, as well as of the modern equipment and apparatus which have been provided for demonstration and teaching purposes.

From the foregoing it will be seen that the School of Pharmacy of the University of Maryland, which began its existence as the Maryland College of Pharmacy, has exercised its functions as a teaching institution since 1841 except for the ten-year period 1846 to 1856. In spite of its vicissitudes it has steadily borne itself onward and upward. It has steadily increased and improved its facilities to enable it to impart instruction in keeping with the pharmaceutical knowledge of the times. It was the first institution of its kind to establish a professorship of Pharmacy, and thereby allocate to that branch of learning an individuality of its own. It was also one of the first schools to make analytical chemistry obligatory for graduation. In still other lines its leadership has been manifested, particularly in the textbooks published by members of its teaching staff. The result has been a steady growth in size and influence so that the School now holds a position in the front ranks of the teaching institutions of its kind in this country.

ANDREW G. DUMEZ
Dean of the School of Pharmacy

H. C. BYRD
President of the University

T. O. HEATWOLE
Secretary to Baltimore Schools

E. F. KELLY
Advisory Dean

B. Olive Cole
Secretary of the Faculty

J. H. Tucker
Acting Comptroller

W. M. Hillegeist
Director of Admissions

KATHLEEN HAMILTON
Librarian

ANN BEACH LEMEN
Cataloger

MARGARET I. LATHAM
Senior Stenographer

Faculty Of Pharmacy

ANDREW G. DUMEZ
PH.G., B.S., M.S., PH.D.
Professor of Pharmacy

ANDREW GROVER DUMEZ, *Professor of Pharmacy,* born Horicon, Wisconsin, April 26, 1885. Ph.G., University of Wisconsin, 1904, B.S., 1907, M.S., 1910, Ph.D., 1917. Instructor in pharmaceutical chemistry, University of Wisconsin, 1905-10; professor of chemistry, Pacific University, Forest Grove, Oregon, 1910-11; assistant professor of chemistry, Oklahoma Agricultural and Mechanical College, 1911-12; director School of Pharmacy, University of the Philippines, 1912-16; Hollister fellow University of Wisconsin, 1916-17; associate pharmacologist, hygienic laboratory, United States Public Health Service, Washington, D. C., 1918-26; Dean of School of Pharmacy, University of Maryland since 1926. Editor Digest of Comments on the U. S. P. and N. F., Yearbook of the American Pharmaceutical Association, Pharmaceutical Abstracts. Member of the Committee of Revision of the U. S. P., 1920-1930; vice-chairman, 1930-40; Member of the Council of the American Pharmaceutical Association since 1922; President of the American Association of Colleges of Pharmacy 1928-1929; member of the American Chemical Society, the American Pharmaceutical Association, American Public Health Association; fellow the American Association for the Advancement of Science, American Institute of Chemists, Sigma Xi, Rho Chi, etc.

J. CARLTON WOLF, *Professor of Dispensing Pharmacy,* born in Baltimore, August 21, 1887. Phar. D., University of Maryland, 1905; B.S., American International Academy, Washington, D. C., 1921; Sc.D. (Honorary), Md. Academy of Science, 1922. Connected with and owner of one of city's professional pharmacies. Member of Mary-

PHARMACY LABORATORY

Miller Youch | Keyes | Wolf Bellman | DuMez | Andrews McNamara | Cross | Purdum Moskey

land Pharmaceutical Association, American Pharmaceutical Association, British Astronomical Association, Mineralogical Society of America, Societie-Astronomiqué De France. Member of the Board of Trustees and Director of Astronomical Observatory of Maryland Academy of Science in Baltimore. Fellow of the American Association for the Advancement of Science. Member American Philatelic Society. Member of Phi Delta Chi and Rho Chi.

MARVIN JACKSON ANDREWS, *Assistant Professor of Pharmacy,* born in Bristol, Tennessee, Sept. 4, 1902. Ph.G., University of Maryland, 1922; Ph.C., 1923; B.S., 1928; M.S., 1931. Held position of assistant instructor and now is assistant professor of pharmacy in this school. Member of American Association of University Professors, American Pharmaceutical Association, American Association of Colleges of Pharmacy, Chairman, Publicity Committee of U. S. P. and N. F. Member of Rho Chi, Sigma Xi and Kappa Psi. Ebert Prize Award for 1935.

W. ARTHUR PURDUM, *Instructor in Pharmacy,* born Baltimore, Maryland, Jan. 28, 1910. Ph.G., University of Maryland, 1930; B.S., 1932; M.S., 1934. Member of American Pharmaceutical Association, Maryland Pharmaceutical Association. Member of Phi Delta Chi and Rho Chi.

FRANK ALBERT BELLMAN, *Assistant in Pharmacy.* B.S., University of Maryland, 1936. Member of Phi Delta Chi and Rho Chi.

JOHN MILTON CROSS, *Assistant in Pharmacy.* B.S., Rutger's College of Pharmacy, 1936. Member Phi Beta Phi and Rho Chi.

WINIFRED KEYES, *Assistant in Pharmacy.* B.S., University of Montana, 1936.

BERNARD P. McNAMARA, *Assistant in Pharmacy.* B.S., University of Maryland, 1936. Member of Rho Chi and Kappa Psi.

HOWARD A. MILLER, *Assistant in Pharmacy.* B.S., University of Buffalo, 1935. Member of Rho Chi.

THOMAS ANDREW MOSKEY, JR., *Assistant in Pharmacy.* B.S., University of Maryland, 1936. Member of Rho Chi.

CHARLES ANTHONY YOUCH, *Assistant in Pharmacy.* B.S., University of Maryland, 1936. Member of Phi Delta Chi and Rho Chi.

★ ★ ★ ★ ★ ★ ★

Faculty Of Chemistry

WALTER H. HARTUNG
A.B., PH.D.
Professor of Pharmaceutical Chemistry

WALTER H. HARTUNG, *Professor of Pharmaceutical Chemistry,* born in Welcome, Minnesota, Jan. 4, 1895. A.B., University of Minnesota, 1918; Ph.D., University of Wisconsin, 1926. High school instructor, 1920-22; Assistant in Organic Chemistry, University of Wisconsin, 1923-25; Research chemist, Sharp and Dohme, 1926-36. While with A. E. F. in France, enrolled in University of Aix. Published numerous scientific papers dealing with synthesis of propanolamine derivatives, acylaniline derivatives, a new series of anesthetics, and catalysts for promoting organic reactions. Member of the American Chemical Society, American Pharmaceutical Association and of The Franklin Institute; Fellow of the American Association for Advancement of Science and a Fellow of American Institute of Chemists. Member of Phi Lambda Epsilon and Sigma Xi.

H. E. WICH, *Associate Professor of Inorganic and Analytical Chemistry,* born in Baltimore, Maryland, August 29, 1889. Phar.D., University of Maryland, 1909. Member of the American Pharmaceutical Association, Maryland Pharmaceutical Association, Baltimore Association of Retail Druggists. Member of Rho Chi.

EDGAR B. STARKEY, *Assistant Professor of Organic Chemistry,* born Sudlersville, Maryland, March 26, 1898. B.S., University of Maryland, 1921; M.S., 1922; Ph.D., 1926. Has published papers on soil colloids and fluorcompounds of mercury, preparation of

CHEMISTRY LABORATORY

Wich Starkey Hartung Vanden Bosche Cwalina
Foster Dunker Rice Gilbert Messina

mercurials from diazonium borofluorides. Member of American Chemical Society and University of Maryland Biological Society. Member of Phi Kappa Phi, Sigma Xi and Kappa Psi.

E. G. VANDEN BOSCHE, *Assistant Professor of Inorganic and Physical Chemistry,* born at Mont-Sur-Marchienne, Belgium. A.B., Lebanon Valley College, 1922; M.S., University of Maryland, 1924; Ph.D., 1927. Has published papers on electro-potential of nickel and melting point of fused salts. President of University of Maryland Biological Society and member of American Chemical Society. Won Certificate of Honor at Lebanon Valley College, member of Phi Kappa Phi, Alpha Chi Sigma and Sigma Xi.

GUSTAV E. CWALINA, *Assistant in Pharmaceutical Chemistry.* Ph.G., University of Maryland, 1929; B.S., 1931; M.S., 1933. Member of Phi Delta Chi, Rho Chi and the Polish Students Association.

MELVIN F. W. DUNKER, *Assistant in Chemistry.* Ph.G., University of Maryland, 1933; B.S., 1934; M.S., 1936. Member of Rho Chi and Phi Kappa Phi.

CAROL PROSS FOSTER, *Assistant in Chemistry.* B.S., University of Maryland, 1936. Member of Rho Chi.

LOAMIE MERCER GILBERT, *Assistant in Pharmaceutical Chemistry.* B.S., University of North Carolina, 1936. Member of Rho Chi.

ROBERT VERNON RICE, *Assistant in Chemistry.* A.B., University of Montana, 1931; B.S., 1933; M.S., 1934; H. A. B. Dunning Research Fellow, 1934-1937. Member of the American Chemical Society and American Pharmaceutical Association. Member of Sigma Nu, Kappa Psi and Rho Chi.

JULIUS A. MESSINA, *Assistant in Chemistry.* Ph.G., University of Maryland, 1932; B.S., 1933. Fairchild National Scholarship, 1932. Member of Rho Chi.

Faculty Of Biological Sciences

MARVIN R. THOMPSON
PH.C., B.S., PH.D.
Emerson Professor of Pharmacology

PHARMACOLOGY

MARVIN R. THOMPSON, *Emerson Professor of Pharmacology;* born July 11, 1905, at Waubay, South Dakota. Ph.C., University of Minnesota, 1926; B.S., George Washington University, 1930; Ph.D., Johns Hopkins University, 1934. Assistant Scientific Aide in Pharmacology in Food and Drug Administration in 1927, later becoming Assistant Pharmacologist. Associate in Pharmacology at George Washington University in 1929. Emerson Professor of Pharmacology at this school, 1930. Consultant Pharmacologist for U. S. Food and Drug Administration. Member of the American Pharmaceutical Association and U. S. P. and N. F. Revision Committees. Has done extensive work and published papers on digitalis, ergot and squill. Discoverer of water soluble alkaloid of ergot, ergostetrine, for which discovery he was included in the 1935 roll of honor of Modern Medicine. Received Ebert Prize, 1931. Member of Sigma Xi, Phi Delta Chi and Rho Chi.

PHARMACOLOGY LABORATORY

Slama Howell | Hunt | G. P. Thompson Pierson | M. R. Thompson | Bryan DeDominicis | Shulman | Gittinger Levin

GEORGIANNA SIMMONS GITTINGER, *Instructor in Physiological Chemistry*. A.B., Hood College, 1912; M.A., University of Virginia, 1924. Graduate work at Johns Hopkins and other universities. Taught in various preparatory schools, was in Social Service Administration Work, hospital technician, and Junior Pharmacologist, U. S. Department of Agriculture. Former member of the D. A. R. and member of Baltimore Branch of American Pharmaceutical Association.

WILLIAM H. HUNT, *Assistant in Pharmacology*. Ph.G., University of Maryland, 1931; B.S., 1932; M.S., 1934. Studied at Johns Hopkins University. Member of the American Pharmaceutical Association, Rho Chi and Phi Delta Chi.

BOTANY

FRANK J. SLAMA, *Instructor in Botany;* born in Baltimore, Maryland, May 16, 1901. Ph.G., University of Maryland, 1924; Ph.C., 1925; B.S., 1928; M.S., 1930; Ph.D., 1935. Was appointed instructor in botany in 1926. Has published papers on gentian, physostigma and Maryland sennas. Member of the American Pharmaceutical Association, Maryland Pharmaceutical Association, Maryland Academy of Science, Rho Chi and Sigma Xi.

EMANUEL V. SHULMAN, *Assistant in Botany*. Ph.G., University of Maryland, 1925; Ph.C., 1928; B.S., 1929; M.S., 1931; Ph.D., 1935. Member of Sigma Xi, Rho Chi, Alpha Zeta Omega, Maryland Academy of Science, Ameri-

BOTANY LABORATORY

can Pharmaceutical Association and American Philatelic Society.

AMELIA CARMEL DEDOMINICIS, *Assistant in Botany.* Ph.G., University of Maryland, 1930; B.S., 1931; M.S., 1932. Member of Lambda Kappa Sigma.

ZOOLOGY

GUY PAUL THOMPSON, *Assistant Professor of Zoology;* born in West Virginia in 1895. A.B., West Virginia University, 1923; M.A., 1929. Taught in high schools in Pennsylvania and West Virginia, was Assistant Professor of Zoology at Florida State College for Women; appointed here in September, 1925. Member of Delta Theta Pi and honorary member of Phi Delta Chi.

CHARLES D. HOWELL, *Assistant in Zoology.* A.B., Oberlin College, Ohio, 1932. Taught zoology at Oberlin, Hopkins, appointed here in 1935. Member of American Society of Zoologists, Sigma Xi and Gamma Alpha.

BERNICE FRANCES PIERSON, *Assistant in Zoology.* A.B., Western Re-

FRANK J. SLAMA

PH.G., PH.C., B.S., M.S., PH.D.
Instructor In Botany

BACTERIOLOGY LABORATORY

serve University, 1928. Taught at University of Maryland, 1928-31, and at Maryland State Teacher's College, 1934-35.

ARTHUR H. BRYAN
B.S., V.M.D., M.A.
Assistant Professor of Bacteriology

BACTERIOLOGY

ARTHUR H. BRYAN, *Assistant Professor of Bacteriology;* born in Brighton, Washington, in 1894. V.M.D., University of Pennsylvania, 1918; B.S., Washington State College, 1919; M.A., University of Maryland, 1934. Served with A. E. F. in Sanitary Corps, and later in the Medical Administration Corps. Has served in the Health Department of both city and state. Fellow of the American Public Health Association, member of Phi Delta Chi.

NATHAN LEVIN, *Assistant in Bacteriology.* B.S., University of Maryland, 1936. Member of Rho Chi.

Parsons Pyles Foley Morrill Richeson Jennings Pittman

Faculty of Physics, Mathematics and Languages

PHYSICS

M. A. PITTMAN, *Instructor in Physics;* born in Chester, South Carolina, 1905. B.S., The Citadel, 1925; M.S., University of South Carolina, 1929; Ph.D., John Hopkins University, 1936. Graduate work at the University of Michigan. Appointed in 1929. Member of Sigma Xi.

BURRIDGE JENNINGS, *Assistant in Physics.* A.B., Johns Hopkins University.

MATHEMATICS

ALLIE W. RICHESON, *Associate Professor of Mathematics*; born in Virginia in 1897. B.S., University of Richmond, 1919; A.M., Johns Hopkins University, 1925; Ph.D., 1928. Instructor at Ogden, 1920-21; Associate Professor of Mathematics, 1921.

WILLIAM KELSO MORRILL, *Assistant in Mathematics;* M. A., Johns Hopkins University, 1927; Ph.D., 1929. Lacrosse coach University of Maryland. Appointed in 1936.

LANGUAGES

ARTHUR C. PARSONS, *Instructor in Modern Languages;* born in Pennsylvania in 1905. A.B., University of Maryland, 1926; A.M., 1928. Instructor at College Park, 1925-29; Instructor at Catholic University, summer session of 1933; appointed to this school in 1929. Member of Modern Languages Association, Theta Chi and Sigma Delta Pi.

J. THOMAS PYLES, *Instructor in English;* born in Frederick, Maryland, 1905. A.B., University of Maryland, 1926; M.A., 1927; attended University of Ohio, 1928; University of Cambridge, 1929; Johns Hopkins, 1930. Instructor at College Park, 1927-29, appointed to this school in 1929. Member of Modern Language Association and Tudor and Stuart Club.

GARDINER P. H. FOLEY, *Instructor in English;* born in Gloucester, Mass., 1902. A.B., Clark University, 1923; M.A., 1926; Master of English, Oratory School 1924-25; Instructor in English, University of Tennessee, 1925-26; Assistant Professor of English and Director of Dramatics, University of Mississippi 1926-28; Instructor in English, University of Maryland since 1928. Member Alpha Sigma Alpha and Iota Sigma.

Cole Millett

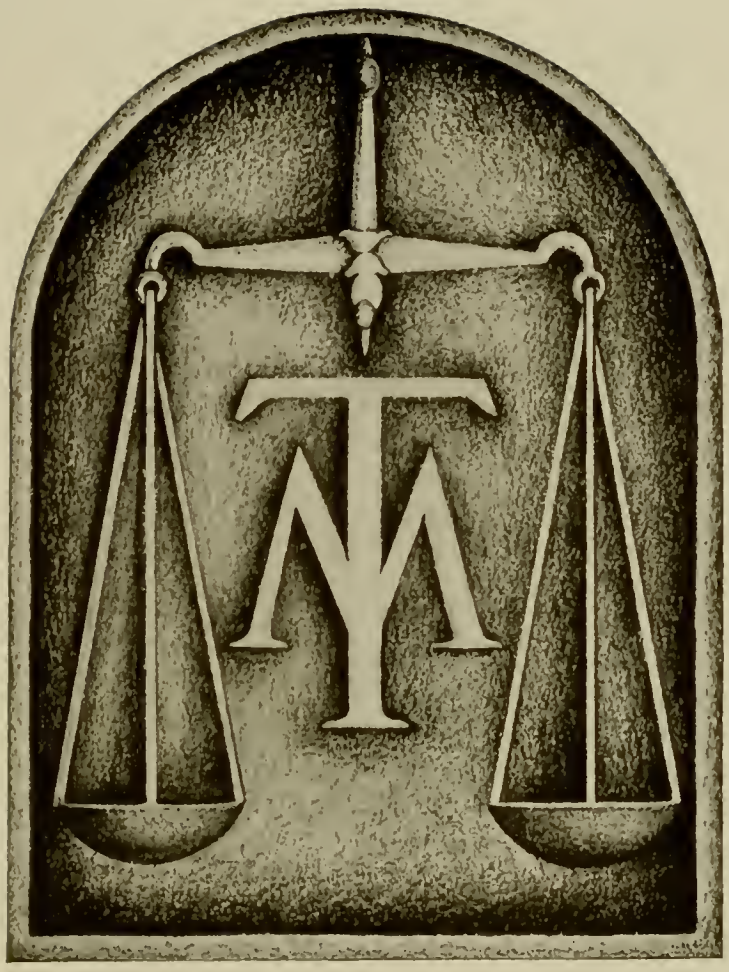
Economics and Pharmaceutical Law

B. OLIVE COLE, *Associate Professor of Economics and Pharmaceutical Law.* Phar.D., University of Maryland, 1913; LL.B., 1923. Member of Maryland and Baltimore Bars, Associate Professor of Botany and Materia Medica, 1920-28; Lecturer in Pharmaceutical Law, 1923-28; secretary to faculty since 1920; secretary of Alumni Association of School of Pharmacy since 1936. Life member of American Pharmaceutical Association and Maryland Pharmaceutical Association. Member of Rho Chi, Lambda Kappa Sigma, Women's Bar Association of Baltimore and the Quota Club.

SYLVIA MILLETT, *Assistant in Economics.* Ph.G., University of Maryland, 1931; B.S., 1932; M.S., 1934. Member of Lambda Kappa Sigma.

B. Olive Cole
Phar. D., LL.B.
Associate Professor of Economics and Pharmaceutical Law

WHEN YOU AND I WERE YOUNG, MAGGIE.



BOOK TWO

JOHN ELISHEE DEVRIJ was born at Rotterdam in 1813. The early years of his life were spent in the family pharmacy, which he conducted for a long while after the death of his father.

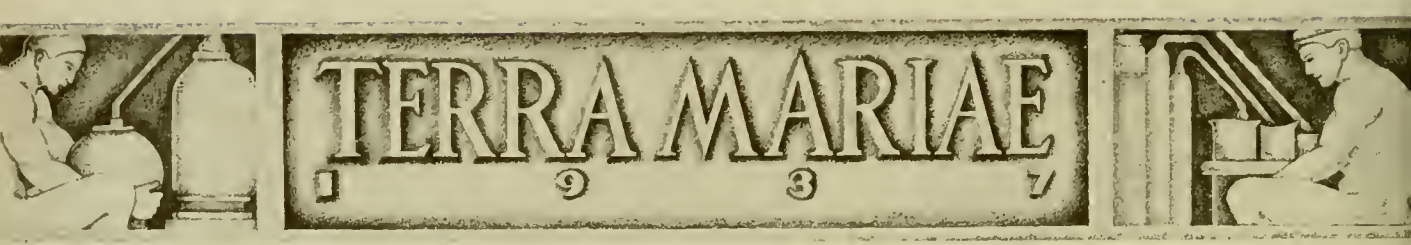
He studied at Leyden University; taught for a while at Potherdam; and carried on investigations in various subjects. His papers dealt with the presence of iodine and phosphorus in cod-liver oil; electro-guilding and coppering; the chemistry of urine; and many other important subjects.

He distinguished himself, however, as a specialist on cinchona, and spent the rest of his lifetime studying the drug, both as a representative of the Dutch government and as a private individual at Java and India.

Today, largely as a result of his efforts, most of our quinine and cinchona bark comes from these Dutch plantations, which have now grown to quite a respectable size. For their neatness, cleanliness, and scientific care, these drug farms are unequalled the world over.

Among the many recognitions of his work were appointments as a Companion of the Order of the Indian Empire, and as a corresponding foreign member of the Academic Medicale at Paris.

He died in 1898, a year after receiving the Hanbury Medal for his outstanding research on cinchona.



John Elishee DeVrij
(1813 — 1898)

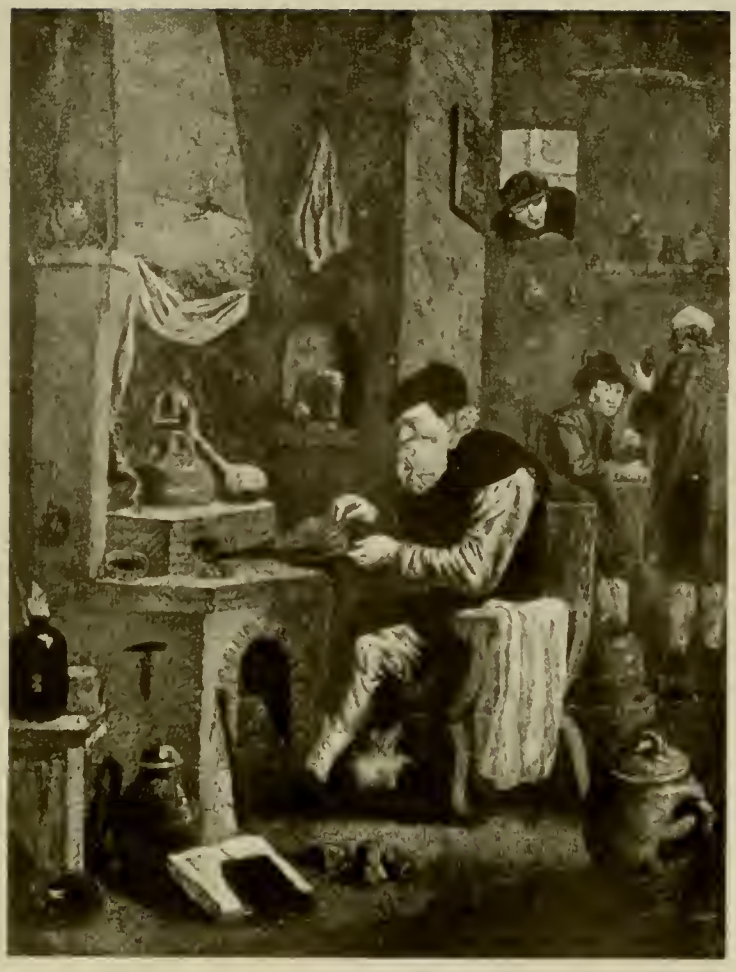
Classes

President's Message

IT IS a very real pleasure for me to extend a word of greeting to the graduating class of the School of Pharmacy because, aside from my interest in the Pharmacy School as a unit of the University, a great number of my closest personal friends are identified with the pharmaceutical industry. I have more than an ordinary appreciation of the value and importance of Pharmacy to the public welfare.

The training you receive in the University of Maryland School of Pharmacy is as good as is obtainable anywhere. Our School is given a high rating, and we are proud that our graduates have always made a favorable showing in competition with the graduates of other institutions in taking State Pharmacy Board examinations and in the successful pursuit of their profession. I confidently expect that the graduates of this year's class will continue to uphold the high standard of their predecessors. For all of you I wish the greatest possible success and happiness.

H. C. Byrd, *President.*



Seniors

The Dean's Message to the Seniors

Opportunity is invariably created for us by others. Yours is now in the making and, with the multitude of workers engaged in the pursuit of medical research, it may present itself at any moment.

With each real addition to our knowledge of the nature of a disease, there is established a new and better basis on which to prepare a remedy. To supply the remedy in its most effective form, when a drug is indicated, is the function of pharmacy.

It is my sincere wish that each of you will recognize your opportunity when it comes and that you will make the best of it to the end that humanity in general will be the beneficiary.

A. G. DuMez, *Dean.*

MARVIN R. THOMPSON, PH.C., B.S., PH.D.
Honorary President of the Senior Class

With deep regret we bid farewell to one who shall forever symbolize to us the true scientist, teacher and friend.

Class President's Message

Fellow Classmates:

Four years ago our class numbered well over one hundred. As each semester passed, that number was diminished, for one reason or another, until at graduation time there are but sixty-two of us. In our freshman year we were all enthusiasm and confidence; but all too soon we realized that there was work to be done—hard work. For some of us unfortunately, it was too hard. But for every man that has dropped out in the course of the years, the value of our attendance at the University has increased proportionately for the remainder of us.

And so, when at long last we have attained the prime object of our four years' work, its importance is fully appreciated by us. Those sheepskins represent so many hours of study, such a host of courses mastered, the labor of so many reports, papers, and themes, in fine, such a considerable body of satisfactory work accomplished that we are perhaps justified in heaving a sigh of relief, and taking a rest for awhile.

But let us not consider our diplomas as the reward of four years of drudgery. Remember that in this same University countless men have studied their little time and graduated; men who were dead before we were born looked back to this school as their Alma Mater. For a century it has been producing graduates—pharmacists—of high calibre. Thus there has gradually been created a tradition, an old standard set by the past. And if the School is to continue in its fine name, it is our duty to see that these records of past years are maintained or bettered. But I am sure that there need be no fear. Our School will be as proud of us as we are of it.

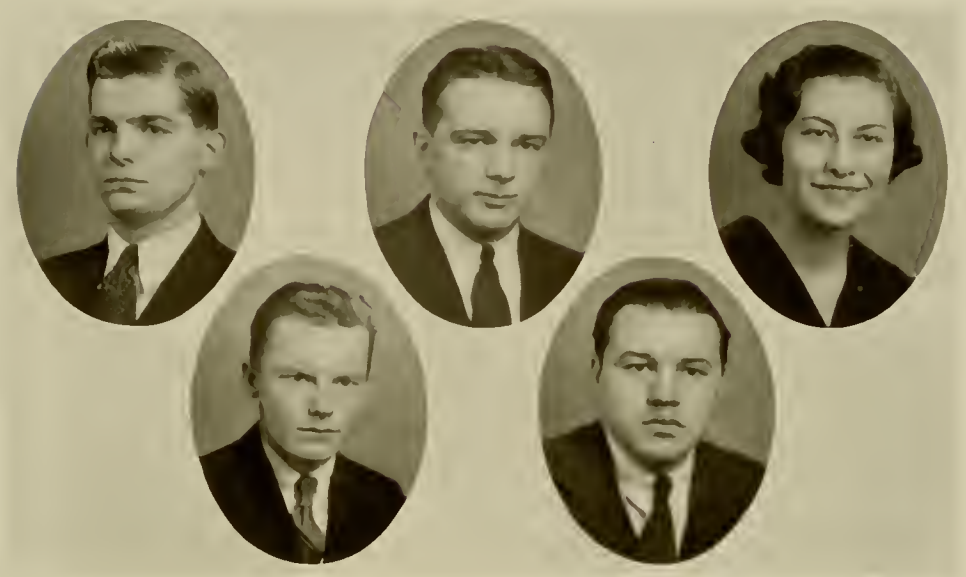
To many of us graduation means separation. Friendships will be severed; old acquaintances thought of no more. Perhaps we will see old Lombard and Greene Streets so rarely that it will fade into but a dim memory. One thing is certain to remain with us until the end of our days, that we have spent four years in a first-class college and have acquired the best that it was capable of giving us.

It is fitting also, to mention those professors without whose aid science would have been a closed book to us, and graduation an impossibility. We owe a lot to these patient men and women, who year after year teach the same subjects and correct the same faults, without becoming soured. Perhaps our greatest debt is to them. Certain it is that we are fully appreciative of their efforts in our behalf.

I will not close by exhorting the class to set high standards and ideals in their future work, and to follow them. Such advice is superfluous, I believe, to the graduates of '37. All of us, I am sure, are determined as far as possible to follow in the footsteps of Galen, Scheele, Pelletier and all the other great pioneers in pharmacy. So let me, instead of that traditional peroration, say in perfect sincerity that I am proud to be a member of this class, and doubly proud to have been chosen its president. Every member is a friend of mine whom I hope to meet again in the time to come. And I hope that the pleasant memories of our school days at Maryland will linger on in our minds, with no forgetting.

Your president and friend,

Bill Kellough.



Traband Hanna Kellough Dawson Miss Glickman

Senior Class Officers

Elmer R. Kellough, Jr.	*President*
Millard T. Traband, Jr.	*Vice-President*
Miss Shirley Glickman	*Secretary*
William M. Hanna	*Treasurer*
Leroy O. Dawson	*Sergeant-at-Arms*

BENJAMIN FRANK ALLEN

Baltimore Polytechnic Institute

Class Basketball 1, Class Indoor Baseball 2 Varsity Basketball 3, 4, Mixer Committee 3.

"What can I say to you? What can I say better than silence is?"

With Ben lies the class's chief claim to athletic distinction. He is tops in both basketball and pestle-pushing. His many friends will testify to his popularity and ability.

MORRIS J. ALLIKER

Baltimore City College

Phi Alpha

President Freshman Class, Dance Committee 2, 3, Prom Committee 4, Student Council 4, Mixer Committee 1, 2, 3, 4, Class Basketball Team 1, 2, Basketball Committee 1, 2, Chairman 2, Class Indoor Baseball Team 2, 3, 4.

"The people's parent, he protected all."

Morris is not only an amiable fellow; he is able as well. He will be both a good pharmacist and a popular one if his future is forecast by his school record.

REUBEN R. ALPERSTEIN

Baltimore City College, U. of B.

Rho Chi

Junior Class President, Mixer Committee 3, 4, Soph Dance Committee, Terra Mariae 2, Associate Editor 3, Editor-in-Chief 4.

"If you have knowledge, let others light their candles at it."

In his many and various activities in the school, our editor has distinguished himself as one of our most prominent and well-liked members. His abilities and talents lie in so many fields that we are certain that success is his.

SYLVAN E. BECK
Forest Park H. S.
Rho Chi

Terra Mariae Features Editor, 4.

"Reading maketh a full man; conference a ready man; and writing an exact man."

Beck during his years at school has gained a reputation for ability that is well deserved, and we feel confident that he is destined to succeed.

ABRAHAM BLIDEN
Baltimore City College

"A lover without indiscretion is no lover at all."

The romantic Abe, conqueror of more hearts than there are sands on the seashore, is a popular favorite. His winning personality will take him far.

RICHARD C. BRUNE
Baltimore City College

Mixer Committee 4, Prom Committee 4.

"Put not your trust in money, but put your money in trust."

Dick is the financier of the class. Familiar as he is with the handling of notes, credits, etc., his business cannot help but prosper.

JERRY JEROME CERMAK

Baltimore Polytechnic Institute

Phi Delta Chi

President of Student Council 4, Student Council 2, 3, 4, Mixer Committee 3, 4. Bowling 3, 4, Interclass Baseball 2, Officer of Student Auxiliary 3.

"Good cheer is no hindrance to a good life."

Jerry is one of the most likeable fellows in the class. His never-failing good humor is as constant a factor of his psychos as are his amazing checquered vests.

HERSHEL COHEN

Baltimore City College

Alpha Zeta Omega

Tennis Tournament.

"Ability doth strike the ball, where presumption over-shooteth and diffidence falleth short."

Hersh is an expert technician in both wit and pharmacy. His large number of friends is sufficient evidence of his jolliness and friendliness.

WARREN E. CRANE

Trenton Central High School

Trenton, N. J.

Phi Delta Chi

Chairman Senior Prom.

"Men, like bullets, go farthest when they are smoothest."

Warren, elected the most popular fellow in our third year, has those indefinable properties of popularity in huge excess. All who know him like him.

SAMUEL J. DAMICO

Baltimore City College

"Silence is the spice of conversation."

Sam has the ideal temperament for social success: calm, hard to fluster, he listens in silence and answers politely.

LEROY O. DAWSON

Baltimore Polytechnic Institute

Phi Delta Chi

Smoker Committee 1, Class Indoor 1, 2, 3, Bowling 3, Dance Committee 2, Mixer Committee 4.

"The best of joys are not unmixed with pain."

"Bull" Dawson, beloved favorite of many teachers, and bugaboo of as many more, is one of those people who can save a dull lecture from being altogether dead.

SYLVAN P. EINBINDER

Baltimore City College

Phi Alpha

Chairman Soph Dance Committee, Prom Committee.

"Sleep is for the night; rest is for the day; and work is for donkeys."

—Peruvian Proverb

Sylvan is a member of that exalted company who pull down the top marks with disconcerting ease. His wit is exceeded only by his charm.

ALBERT A. ELLERIN

Baltimore City College

Alpha Delta Omega

Dance Committee 3, Tennis 1, 2, 3, 4, Tennis Committee 4, Indoor Baseball 4, Bowling Team 3, 4.

"If only affability did circulate like gold."

Albert is one of the hardest working members of the class; the results he obtains are adequate testimony to the quality of his efforts.

HARRY ENTEN

Baltimore City College

Alpha Delta Omega

Terra Mariae Staff 2, 3, 4, Tennis 3, 4, Bowling 3.

"With wit as finely drawn as a rapier's point."

Harry, while an expert fencer, is not at all cutting to his friends although many who have incurred his temporary disfavor remember all too well how sharply his wit can sting.

JULIUS W. FERRET, Ph.G.

Baltimore City College

"Slow but sure does it."

Our Ferret resembles in his school activities that industrious animal whose name he bears. He considers no problem finished until he has reached the very bottom of it, and understands it thoroughly.

HERMAN JESSE FISH
Baltimore City College
Johns Hopkins University
Alpha Zeta Omega

Prom Committee 4, Dance Committee 2, 3, Class Baseball 1, 2, 3, 4, Class Basketball 1, 2, 3, Bowling 3, 4.

"Politeness is as natural to delicate natures as perfume is to flowers."

Jessie is a master diplomat. Whenever the class has some particularly touchy affair to handle, Fish is invariably appointed.

CHARLES S. FRIEDMAN
Grafton High School, Grafton, W. Va.
Fairmont State College, Fairmont, W. Va.
Lambda Delta Lambda

Orchestra, Dramatics.

"Next to sound judgment, diamonds and pearls are the rarest things to be found."

"C.F." is an unusually competent technician. He is a very able scholar as well, proving that there is no incompatibility between theory and practice.

SHIRLEY M. GLICKMAN
Western High School
Lambda Kappa Sigma, Rho Chi

Dramatic Club, Mixer Committee 3, Secretary of Student's Auxiliary 3, Senior Class Secretary 4, Dance Committee 2, Terra Mariae 3.

"Even virtue is more fair when it appears in a beutiful person."

Shirley is an exceptionally good student, a musician of note, and—best of all—a dependable friend. She rates as high in the opinion of her professors as she does in that of her classmates.

WILLIAM MELVIN HANNA

Baltimore Polytechnic Institute

Class Treasurer 1, 4, Terra Mariae 3, Mixer Committee 4.

"Men will wrangle for religion; fight for it; write for it; die for it; anything but live for it."

"Mel" is the leader of the Sunday-school contingent of the class. However, he does not allow his tremendous church activities to interfere with his good school rating.

SYLVAN ALLAN HOFFMAN

Forest Park High School

Dramatic Club 1, 2, 3, Terra Mariae Staff 2, 3, 4, Basketball Team 1, Bowling Team 3, 4, Dance Committee 3, Indoor Baseball Team 2, 3, 4.

"On the stage he was natural, simple, affecting. 'Twas only when he was off, he was acting."

Hoffman is a devotee of the muse of Thalia. Witnessing his inspired performances, one would say that he was the favorite of that charming goddess.

FELIX H. KAMINSKI, Ph.G.

Baltimore City College

Johns Hopkins University

Rho Chi

"If a man empties his purse into his head, no one can take it from him."

This lad is regarded by most as a budding genius. We, however, basing our verdict upon his achievements in physical chemistry, can testify that he is a full-fledged one.

JEROME JAY KARPA

Baltimore Polytechnic Institute

Sigma Phi, Alpha Zeta Omega

"Forward only, nor ever look behind."

Jerry is a man of great potentialities. What fine things the future may hold for him, not one can say; but it is certain that his ability will stand him in good stead.

ELMER ROBERT KELLOUGH, Jr.

Allegany High School, Cumberland, Md.

Kappa Psi

President Senior Class, Mixer Committee 4, Vice-President Junior Class, Student Council 1, Student Auxiliary 3, 4, Inter-Class Athletics 1, 2, 3, 4.

'Tis not in mortals to command success,
But we'll do more, Sempronius, —
We'll deserve it.

Bill Kellough is a past master of the gentle art of making friends. His vast popularity attests to this, while his scholastic and athletic achievements mark him as a versatile and apt personality.

BEN KOBIN

Baltimore City College

Alpha Zeta Omega

Indoor Team 1, 2, 3, 4, Basketball Team 1, 2, 3, 4.

"Why worry? Even after Noah's flood, there was a rainbow."

Benny never lets his studies get him down. Unconcerned, insoucient, he sails through the most difficult courses like a Phoenician mariner, with no help save that given by the stars.

CHESTER GEORGE KOSAKOWSKI
Baltimore City College
KAPPA PSI

Indoor Baseball, Bowling, Student Council 1.

"Get your facts first, then you can distort them as you please."

"Kozzy" is a talented pharmacologist, and his research upon the kymographic assay of ergot is classical.

FRANK F. LEVY
Baltimore City College
KAPPA PSI

Bowling 3, 4, Baseball 4.

"Of an impish and playful nature, never settled a moment."

Frank, the eminent botanist and physical chemistry shark is renowned for his excellent sense of humor and good nature. Some of his jokes are proverbial.

FRANK J. LIEB
Baltimore City College
RHO CHI

"Give me a pipe and a pound of tobacco and the world's hardest problem, and come back in a week."

Lieb is our locker-room philosopher, whose salty wit is appreciated and enjoyed by the entire class. He is as good a companion as a scholar, which is saying a great deal.

ALEXANDER M. MAYER
Baltimore City College
Alpha Zeta Omega

School Orchestra 1, 2, Junior Class Sergeant-at-Arms, Interclass Athletics 3.

"Good humor is one of the best articles of dress one can wear in society."

Alex is a placid chap who, like Aristogeiten, is capable of great deeds when aroused. His quiet dignity earns him everyone's respect.

F. ROWLAND McGINITY
Baltimore City College
Phi Delta Chi

Dramatics 1, 2, 3, 4, Dance Committee 2, Prom 4, Mixer Committee 4, Terra Mariae 2, 4, Executive Committee S.A. Md. Ph. A. 4.

Tho' modest, on his unembarrass'd brow Nature had written — Gentleman.

A handsome, well-liked personage is this: affable and pleasant, he brings an involuntary smile of friendliness to the face of everyone who meets him.

HENRY MERKEL
Baltimore City College

"To be serious is to be absurd."

A pleasant fellow well-met is our Henry. In contact with chemistry, physics, or zoology, he may be a bit worried in the clinches, but he always comes up smiling.

MILTON MILLER

Baltimore City College

Dramatic Club 3, 4, Terra Mariae Staff 3, Class Editor 4.

"Quiet sober thinking achieves more than a thousand bellicose debates."

"Big" Miller is one of the class philosophers. Many of the problems of life have been dissected in that active mind of his; and his conclusions, always interesting, are willingly discussed with his customary good humor.

SOLOMON MILLER

Baltimore City College

"An honest man, close-buttoned to the chin, broadcloth without, and a warm heart within."

Silent, sober, and competent, Sol Miller is universally liked. One hears very little about him, but wherever good work is being done, there is the place to look for him.

CHARLES MINDELL

Forest Park High School

Basketball 1, Indoor Baseball 1, 2, 3, 4, Tennis 3, 4.

"Gentle of speech, beneficient of mind."

Charlie, one of our ranking intellectuals, is also a good athlete. He has made an enviable record for himself in both of these pursuits.

EMMA LOUISE MORGENSTERN
Catonsville High School

Secretary 2, Dramatic Club 2, Dance Committee 3, School Mixer 2, 3.

"Beauty is an open letter of recommendation."

"Popularity" Emma is one of those girls who are dated up so far in advance that a fellow is fortunate to get in February 29 every four years. Her popularity, however, has not interfered with her school activities.

GORDON A. MOUAT
Baltimore Polytechnic Institute
Phi Delta Chi

Dramatic Club Business Staff 2, Mixer Committee 3, Dance Committee 3, Executive Committee, S. A. Md. Ph. A. 3, Mixer Committee 4, Vice-President Student Council 4, President S. A. Md. Ph. A. 4.

"Politeness is like an air cushion; there may be nothing in it, but it eases our jolts wonderfully."

The jaunty debonair Gordon is a welcome member of any class. His beaming good nature and accommodating courtesy are as rare as they are pleasing.

LEO MILTON MUSACCHIO
Baltimore City College

"The mildest manners and the gentlest heart."

Leo is a patient lad who seeks to accomplish by diligence what others wait for inspiration to attack. Needless to say, he gets results.

IRVIN LOUIS MYERS

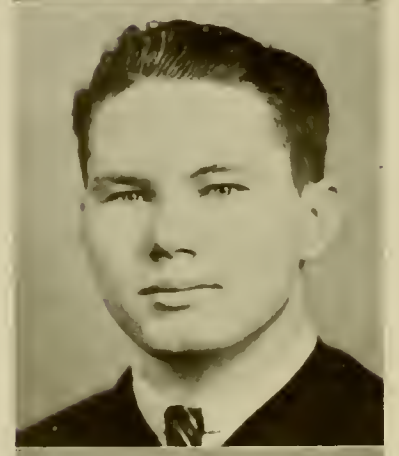
Irv

Baltimore Polytechnic Institute

Dance Committee 1, 2, 3. Chairman 3, Bowling team, Captain 3, 4, Prom Committee.

"A man considering standing for office has a duty to himself every bit as important to consider as that to his would-be constituency."

Myers is the class's favorite dark horse. He has been run for everything from janitor to instructor in physics in charge of the interplanetary communication. But if ability counts, he'll be president some day.



JOHN FREDERICK NEUTZE

Baltimore City College

KAPPA PSI

Indoor Team 1, 2, 3, 4, Captain 2, Sergeant-at-Arms 2, Mixer Committee 2.

"All things come to him who will but wait."

Neutze, the lad with the contagious smile, is, we hear, a fascinating monster with the ladies. We wouldn't doubt it; those gleaming teeth and that personable smile could turn any girl's head.

ARTHUR F. NOVAK

Baltimore City College

Maryland Institute Vocational High

Indoor Baseball 1, 2, 3, 4, Captain 3, 4. TERRA MARIAE Art Staff 3, 4, Basketball, Bowling 4.

"Hard features any bungler can command; to draw true beauty shows a master's hand."

As a limner, Arthur acknowledges no peer. His unusually skillful cartoons and sketches are in great demand for posters and publications. Pressed as he usually is by many demands, he is always gracious and accommodating in acceding to just one more.

FRANK L. PURDUM
Baltimore City College
Phi Delta Chi

Freshman Class Vice-President, Smoker Committee 1, Mixer Committee 2, 3, 4. Terra Mariae 1, 2, 3, 4, Business Manager 3, Editor, Md. Ph. A. Students Auxiliary 4.

"It is by vivacity and wit that a man shines in company."

Frank's broad, smile-provoking face is invariably in evidence where some unusually neat piece of practical joking or superb witticism is being perpetrated. The man must have a sixth sense of wit. We are all indebted to him for many classic laughs.

IRVING W. RABINOWITZ
Baltimore City College
Rho Chi

Basketball 1, 2, Indoor Baseball 1, 2, 3, 4.

"All men are poets at heart."

"Irv" is the leader of a select coterie. His witty sayings are repeated from the sixth floor to the basement with great relish.

LEONARD RAPOPORT
Baltimore City College
Alpha Zeta Omega, Rho Chi

Sophomore Class Sergeant-at-Arms.

"The first patent of nobility lay in good, hard labor."

"Rap" is not afraid of work. While others drift along in the summer of idleness, he is studying; when the winter of exams come along, he is ready, and they must scramble. Needless to say, he is one of our best students, and a good fellow to boot.

JOHN ANTHONY RAUDONIS
Nashua (N.H.) High School
St. John's College (Md.)
"Thy modesty's a candle to thy merit."

Quiet and soft-spoken, Anthony is a dependable comrade and a good student. He numbers the greater part of the class among his good friends.

ISRAEL ROSENFELD
Baltimore City College
Dance Committee, 2, Interclass Athletics 1, 2, 3, 4.
"O this learning, what a thing it is.

Iz seems to be a bit worried sometimes by the press of his studies, but they never interfere with his seemingly ironclad good-humor. Everyone knows and likes his merry grin.

EDWARD V. RUTKOWSKI
Baltimore City College
Dance Committee 2, 3.
"Friendship's the wine of life."

This young blade would be in a perpetual state of inebriacy were the above true, for he is one of the friendliest chaps upon this terraqueous globe. Even the professors, that surly lot, are his friends, unbelievable as it may seem.

DANIEL ANTHONY SANTONI
Calvert Hall College
KAPPA PSI
Senior Prom Committee, Bowling.

"Who doth right deeds is twice born."

We have here a chap who is well-liked by all who know him. Many could imitate his quiet smile and soft speech to advantage.

EDWARD SAPPERSTEIN
Baltimore City College
Sophomore Class Treasurer, Mixer Committee 2, Dance Committee 2.

"He is like a book in breeches. He has occasional flashes of silence, that make his conversation perfectly delightful."

Ed's roly-poly and cherubic good-nature and friendliness are an everlasting source of pleasure to his comrades. He is more fun than a carload of Joe Millers, yet he is a fine student as well.

ISADORE SBOROFSKY
Southern High School
Baltimore City College
ALPHA DELTA OMEGA, RHO CHI

"If a man is known by his works, then I say, this is a good man."

This lad, with his courageous twinkling smile could bring sunshine and laughter to the most dismal soul alive. Indeed, without him, our school days would have been far less luminous and bright.

MELVIN GERALD SCHERR

Baltimore City College

"That is good which doeth good."

Melvin's quietness is deceiving; beneath his silent mask lies a busy and diligent mind. He is pleasant company too, and a talk with him is a thing to be remembered.

FREDERICK SCHUMM

Mt. St. Joseph

"Nothing succeeds like success."

Fred is an unassuming, yet self reliant fellow. His geniality and obligingness are evident to all who meet him.

WILLIAM WALTER SEECHUK

Baltimore City College

"Happiness consists in activity."

Here we have a real student—a master of concentration and application. The number of his friends, also, shows that when he turns his efforts to sociability, he is as successful as in his studies.

GERALD M. SEMER

Baltimore City College

Treasurer Junior Class, Class Indoor Baseball 1, 2, 3, 4.

"Wit is the salt of conversation."

Our Gerald is the chap whose exuberant nature has got into more scrapes than his sunny smile could pull him out of—almost. He is a real gloom-chaser, and wherever he is, there you will find fun.

IRVIN ISRAEL SILVERMAN

Forest Park High School

"Why argue? All great men are born before their time."

Soberness and staidness are Irv's chief claims to notice. He is a quiet dependable fellow, and well-liked by his comrades.

SYLVAN TOMPAKOV

Baltimore City College

Clifton Park Junior High School

Tennis 2, 3, 4.

"The winds and waves are always on the side of the ablest navigators."

Sylvan is one of our best students; he has attracted no little attention to himself by his staid demeanor and personable smile.

MILLARD TOLSON TRABAND, JR.
Franklin High School, Reisterstown, Md.
KAPPA PSI
Debating Society 3, Indoor Baseball Team 2, 3, Senior Class Vice-President.
"A wise man knows his ignorance; a fool thinks he knows everything."

This is the lad with the ear-splitting smile. When he turns it on full power, every one, even professors, must smile with him. There is scant question, indeed, as to the cause of his popularity.

ALBERT FRANKLIN TURNER, JR.
Forest Park High School
KAPPA PSI
Senior Prom Committee, Indoor Team 1, 2, 3, 4.
"A smile is the whisper of a laugh."

Frank's jolly, dancing blue eyes please and amuse every one they fasten upon. We will remember him and his affability for a long time.

WINFIELD ALEXANDER WALB
Baltimore City College
PHI DELTA CHI
School Orchestra 2, 3, 4, Mixer Committee 3, TERRA MARIAE Staff 2, 3, 4.
"An affable and courteous gentleman."

We have here a man whose expertness at snapping a picture is exceeded only by his ability to make friends. Everybody knows and likes Walb, and his excellent pharmaceutical technique makes him an exceptionally good fellow to know in pharmacy lab.

THEODORE JOHN WASILEWSKI

Baltimore City College

"'Tis fortune gives us birth, but love alone endows the soul with worth."

If anyone will ever make a good pharmacist, this lad will. He has all the requisites for success: ability, pleasing personality, and a host of friends.

DAVID WEINER

Baltimore City College

Rho Chi

"For 'tis the mind that makes the body rich."

Dave is one of the fellows that one hears little of. Upon investigation, however, one finds that he is hiding his light under a bushel. He is talented, deft, and agreeable. What more can anyone ask?

RUTH R. WEISBERG

Eastern High School

Lambda Kappa Sigma, Rho Chi

Class Secretary 1, Secretary of Debating Society 1, Dramatic Club 1, 2, Mixer Committee 1, 2, Prom Committee 4, Dance Committee 2, 3.

"A lovely lady, garmented in light from her own beauty"

When it comes to scholarship, Ruth is hard to beat; while for looks and personality she acknowledges no superiors. Needless to say, this paragon does not go without admirers.

SOLOMON WINN

Baltimore City College

Playground Ball 1, 2, 3, 4.

"Good nature is stronger than tomahawks."

A silent lad is this, and not given to blowing his own horn; but if he did, he would have considerable justification. He is an expert pharmacologist, and no slouch in his other studies, either. And then, too, he is quite a personality; his name is synonymous with good cheer.

BERNARD L. ZENITZ

Baltimore City College

Rho Chi

Class President 2, Mixer Committee 2, Dance Committee 1, 3.

"When night hath set her silver lamp on high, then is the time for study."

Last in name but first in scholarship, Zenitz has made an admirable record for himself at school. All the honors and distinctions our Alma Mater had to offer just fell into his lap—like manna from heaven. Yet his studies have in no wise interfered with his activities, which have been many and outstanding.

Juniors

Junior Class

Levin
Miss Muehlhause

Dr. Wolf
Combs

Morganstern
Wich

Junior Class Officers

Dr. J. Carlton Wolf
Honorary President

N. J. Levin	*President*
William Morgenstern	*Vice-President*
Miss Ruth Muehlhause	*Secretary*
Joseph L. Combs, Jr.	*Treasurer*
J. Carlton Wich	*Sergeant-at-Arms*

JUNIOR CLASS

Alfred Irving Aaronson—
Shocking yarns this rogue can spin
Of conquests and those he couldn't win.

Merlin Ayler Beam—
A man who shaves and takes a train
And then rides back to shave again.

Richard Stevenson Bixler—
Sparse of speech,
Deep of thought,
He'll reach the goal
Which he has sought.

Bernard Isaac Cohen—
Well mannered, friendly
And pleasant, too,
His virtues are many,
His faults are few.

Ralph Colvin—
Not a spark have I of knowledge
Got anywhere in this college.

Joseph Combs—
I know everybody's income, and what everybody earns,
And I carefully compare it with their income tax returns.

Sam Edlavitch—
They give me this and they give me that,
And I'll never have anything to grumble at.

Melvin Luther Floyd—
A man who would woo a fair mark
Should learn how a prof's car to park.

Sidney Fribush—
If we were seeking
A swell pharmacist,
We would put Sid at
The head of the list.

Walter Christian Gakenheimer—
Musician, pharmacist,
Photographer, too,
To name but a few
Of the things "Gake" can do.

Roland Paul Galley—
The billiard sharp who plays on cloth untrue
With elliptical billiard balls and a twisted cue.

Harry Benjamin Gendason—
I treat my class to a pleasant surprise—
My only method is to memorize.

Morris Giller—
I am a student coyly blushing
Every wise guy sets me flushing.

Alphonsus Stephen Ginaitis—
His bosom should heave, and his heart should glow
And his fist be ever ready for a knockout blow.

Frank Julius Gregorek—
Whitewashed he quits the political strife
At ease in mind, with pockets filled for life.

George Philip Hager—
Nature and nature's laws lay hid in night
Along came Hager, and brought us light.

Kenneth E. Hamlin, Jr.—
Time, place, and action may with pains be wrought,
But genius must be born and can never be taught.

Bernice Heyman—
Man's not good form,
Man's not of use;
Man's ribald, man's a fake;
Man is nature's sole mistake.

Carville Benson Hopkins—
To compliments inflated I've a withering reply
And vanity I always do my best to mortify.

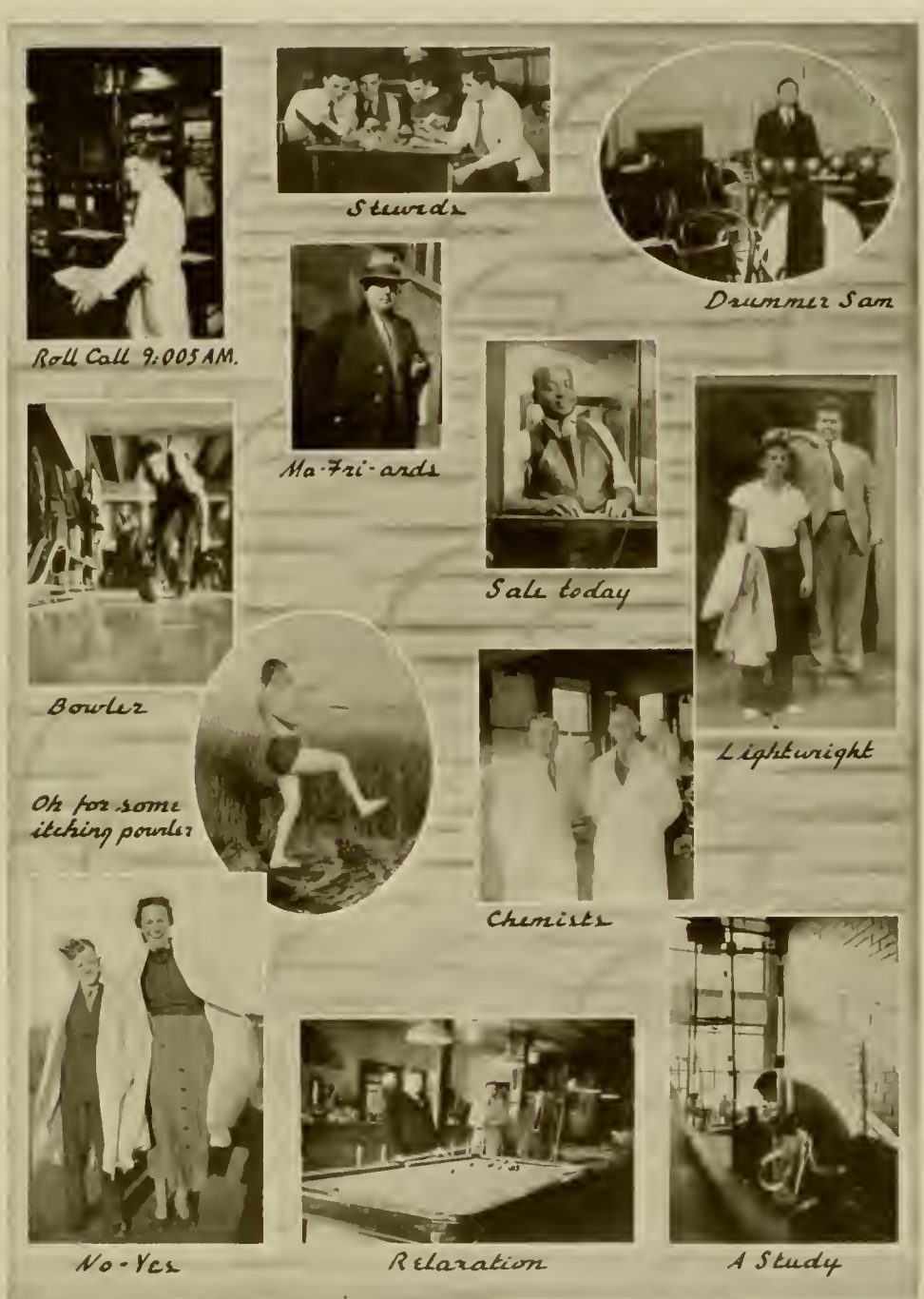
Charles Jarowski—
So conscientious,
And diligent, too,
A friend we'll all miss
When our school days are through.

Cyrus Francis Jones—
I tried to hold my tongue and be
A credit to my friends and me.

Joseph Kaminkow—
Oh, winnow all my folly and you'll find
A grain or two of sense left behind.

Emanuel Oscar Katz—
I try to make myself as pleasant as I can,
But everybody knows I'm a fraternity man.

Morton Katz—
I'm sure I'm no ascetic; I'm as pleasant as can be;
You'll always find me ready with a crushing repartee.


Roll Call 9:005AM.
Stewards
Drummer Sam
Ma-Fri-ards
Sale today
Bowler
Lightweight
Oh for some itching powder
Chemists
No-Yes
Relaration
A Study

JUNIOR CLASS

Gordon William Kelley—
To all their little weaknesses I open people's eyes;
And little plans to snub the self-sufficient I devise.

Benjamin Samuel Levin—
For he, 'tis true, has drunken deep
Of the blessedness of sleep.

Jacob Benny Levin—
With a passion that's intense, you worship and adore,
But the laws of common sense, you oughtn't to ignore.

Norman Jack Levin—
I love my fellow creatures, I do all the good I can;
I have a heart of gold, I have my faith in man.

Bernard Levy—
He's no member of the common throng.
But a nobleman gone wrong.

Olga Pauline Matelis—
He saw her charming, but he saw not half
The charms her downcast modesty concealed.

Daniel Mendelsohn—
He kindles laughter with his timely jokes,
And great amusement in his class provokes.

William August Morganstern, Jr.—
He intends to send a wire to the moon.
He'll set the school afire very soon.

Ruth Virginia Muehlhause—
No gems, no gold needs she to wear,
She shines intrinsically fair.

Melvin Joseph Oleszczuk—
Though none are so accomplished as I,
I'm diffident, modest and shy.

Albert Pearlman—
The eternal question to our friend Al,
"How's the weather up there, pal?"

Isadore Pressman—
Oh, how I wish that I could be tall,
But alack, alas, I'm deucedly small.

Frank Stanley Pucklis—
You probably are intelligent and bright,
But we think the time to dream is at night.

John George Rhode—
Never for him the worries of the world,
For he greeets them with a smile, like a flag unfurled.

Jacob Louis Richman—
I've an irritating chuckle, I've a celebrated sneer;
I've an entertaining snicker and a fascinating leer.

Morris Rosenberg—
As chairman of a dance committee,
You certainly do invoke our pity.

Joseph Hollis Schade—
Let me live and reign alone
In a world that's all my own.

Bernard Silverstein—
The pleasure that I treasure beyond measure
Is the gratifying feeling that my duty has been done.

Myer Stoler—
Still more corpulent grow I;
There will be too much of me
In the coming by and by.

Bernard Sussman—
Take of these elements all that is fusible
Melt them all down in a test tube of crucible;
Set them to simmer, take off the scum
And an explosion is the residiuum.

Robert Edward Thompson—
I don't indulge in levity or compromising perplexity,
But dignified geniality, consistent with my personality.

Irvin Louis Wachsman—
Conceive me if you can—
An ultra poetical, super satirical young man.

Milton Waxman—
For he who would make his fellow creatures wise
Should always his philosophic pills disguise.

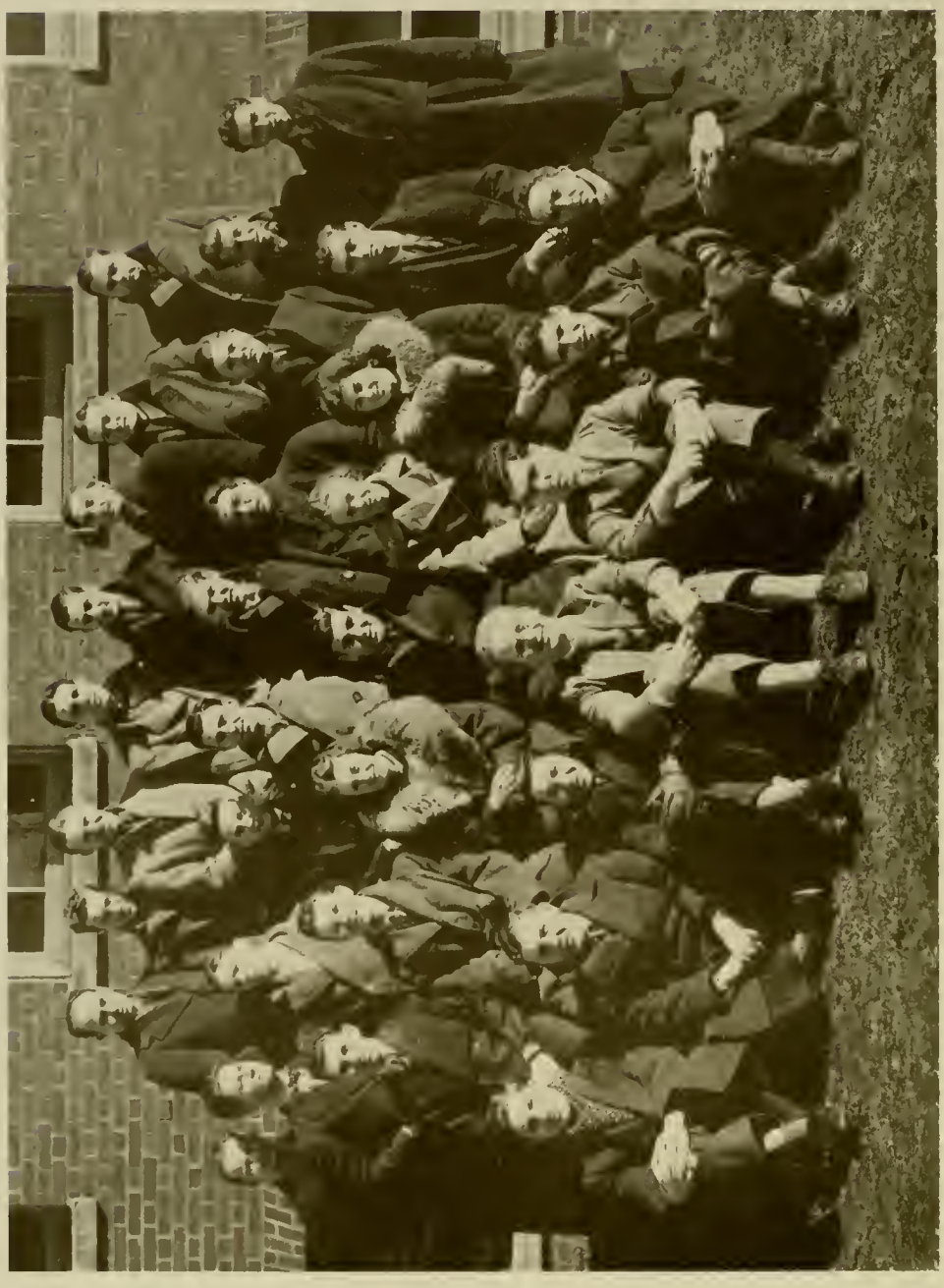
Thomas Clyde Webster—
Life is a serious thing, you say?
Measured by what standard, pray?

Joseph Carlton Wich—
We think our fathers fools, so wise we grow
Our wiser sons no doubt will think us so.

Henry Paul Zetlin—
I admit this show of learning
Is the fruit of steady cramming.

Harold Zerofsky—
Why so serious, why so grave?
Thyself from high marks can's't not save!

Sophomores



Sophomore Class

Kamanitz
Miss Hackett

Dr. Slama
Jacobs

Freedman
Sabatino

Sophomore Class Officers

Dr. Frank J. Slama
Honorary President

Irvin Leonard Kamanitz	*President*
Leonard Freedman	*Vice-President*
Miss Angela Rose Hackett	*Secretary*
Eugene Jacobs	*Treasurer*
Louis Thomas Sabatino	*Sergeant-at-Arms*

SOPHOMORE CLASS

Alfred Henry Alessi—*Even the roughest going cannot suppress the song in his heart from issuing forth from his lips.*

Daniel S. Baker—*"It is easy for men to write and talk like philosophers, but to act with wisdom, there's the rub!"*

Albert Binstock—*Our man of mystery. He speaks but little, though his sparkling eyes reveal the wisdom that is within.*

Anthony Joseph Dobropolski—*Our own mathematician. Figures and formulas, ciphers and symbols, all are at his command.*

Joseph Urban Dorsch—*An astute follower of the great Wayne King is this sailor. His dancing is so smooth that we wonder if it isn't really "sea legs."*

Irving Herbert Folus—*We suspect that Irv has the comic section confused with the fashion sheets from "Esquire," but nevertheless, the manner in which he deals with tests and exams never fails to evoke a gasp from our throats.*

Norma Miriam Foxman—*"A witty woman is a treasure; a witty beauty is a power."*

Joseph Francik—*The modest leader of our Sophomore choristers.*

Leonard Freedman—*With cherubic countenance and jocular voice he lends an air of joviality to a sometimes sad-faced group.*

Andrew Colin Gillis—*"A wise physician, skilled our ills to heal, is more than armies to the public weal."*

Samuel Harry Ginsburg—*A scholar, who lives in the realm of books and manuscripts, and finds himself sorely beset by modern conventionalities.*

Louis Lester Glaser—*A lackadaisical soul, whose indolent outward appearance belies the alertness and agility of his mind.*

Henry M. Golditch—*A musician, who plies his fiddle with art and gusto, and pours forth his soul in aesthetic song and elocution.*

Nathan I. Gruz—*A bundle of the skill, the curiosity, and the intellect of the true scientist —all wrapped up in a covering of imagination; but what a little bundle!*

Angela Rose Hackett—*Angela is well named, for indeed she has the temperament of an angel. We can always count on a kind and pleasant word from "Ang."*

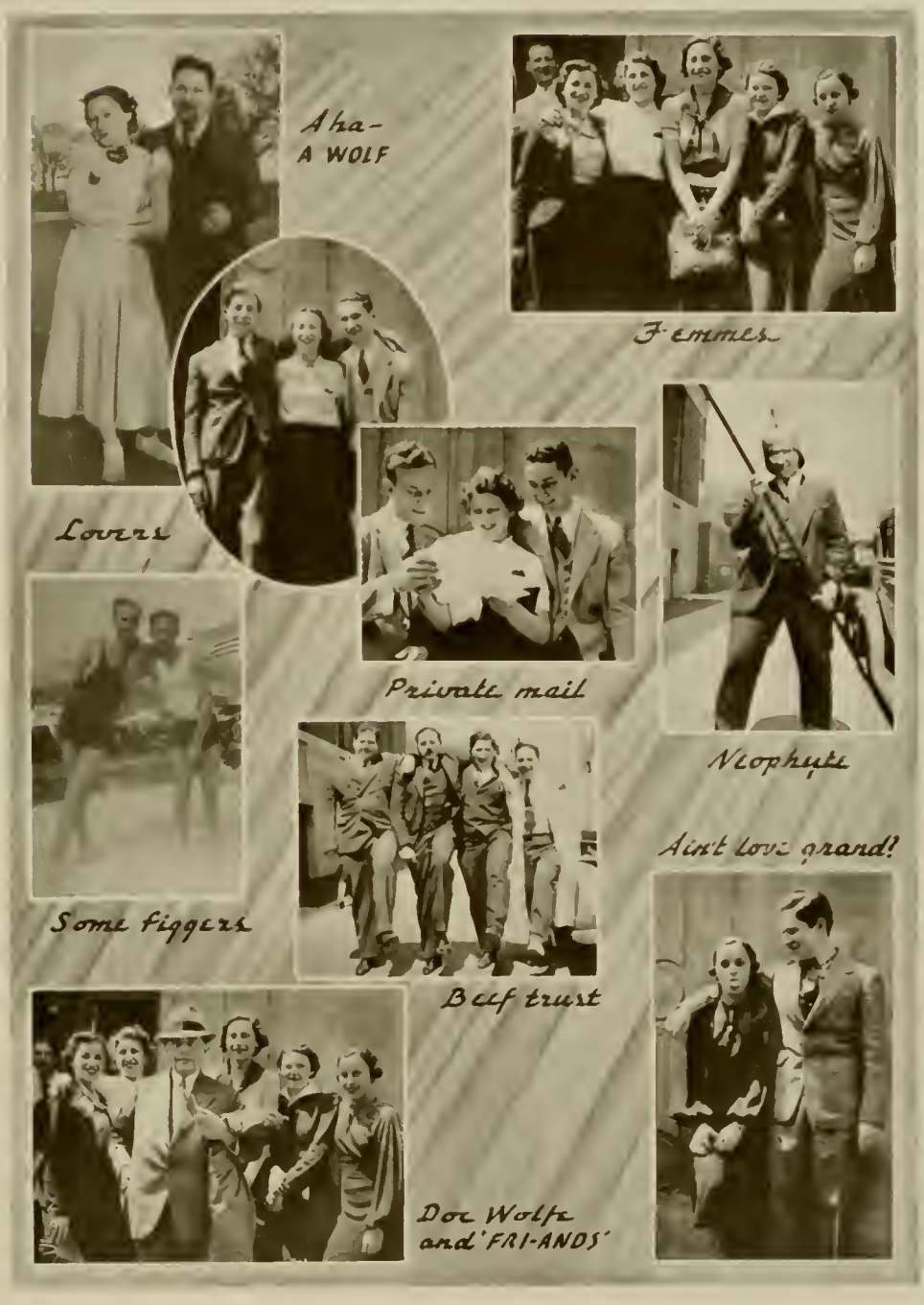
Irving Jerome Heneson—*How his eyes sparkle and his chest swells when his billiard balls have learned their "English" lesson!*

William Marion Ichniowski—*An authority on misogynony, but withal imbued with a compensatory sense of humor.*

Eugene Jacobs—*With a stern-faced countenance, Jake discourses with equal ease on Felis domesticis and on the application of Professor Einstein's theory to the radio crystal set.*

Irvin Leonard Kamanitz—*The chief executive of this merry group and the embodiment of all the virtues (?) of the successful politico.*

Sidney Kline—*A quiet disciple of the tonsorial art in his spare time, Sidney often gets his scissors and spatulas mixed.*


Aha-
A WOLF
Femmes
Lovers
Private mail
Some figgers
Neophyte
Ain't love grand!
Beef trust
Doc Wolfe
and 'FRI-ANDS'

SOPHOMORE CLASS

Lawrence L. Lieberman—*"They are never alone who are accompanied by noble thoughts."*

Jerome Mask—*"Speak, then think; you can always speak again." Thus in a few words we have Ferry's philosophy. But in all fairness we may say that he eventually arrives at the correct answer.*

David Massing—*An easy manner and cheerful grin conceal Dave's inner self, but we suspect that he spends more time with his books than he himself admits.*

Manuel Miller—*A philosopher. As from the heights he watches our futile struggles, nor refuse when we seek his counsel.*

Victor H. Morganroth, Jr.—*"A superior man is modest in his speech, but exceeds in his actions."*

Melvin Mutchnik—*As slow and deliberate in his speech as he is precise in his studies, he never misses the details which others overlook.*

Joseph Leon Okrasinski—*A little nonsense now and then is relished by the wisest men.*

Katherine Justina Parker—*"Her air, her manners, all who saw admired."*

Lillian Passen—*The finest compliment that can be paid to a woman of sense is to address her as such.*

Harry Louis Rostacher—*"Much wisdom goes with fewest words."*

Alvin Rosenthal—*"Gather 'round, young pharmacists, and listen . . . . Once when I was working in a drug store. . . ."*

Louis Thomas Sabatino—*"Give me love and work—these two only."*

Albert Sachs—*Laboring under the complex intricacies of modern life, he is by day the serious student, by night—the serious player.*

Mario Alfred Sama—*"There is no genius in life like the genius of energy and activity."*

Louis Sapperstlin—*Like all men with true ideals, "Reds" is reticent about his. But the secret has leaked out;—the spirit of the apothecary lives on!*

Marion Shalowitz—*" All things come to him who waits, and you might as well make yourself comfortable while you're waiting."*

Nathan Morton Snyder—*"I like work; it fascinates me. I can sit and look at it for hours."*

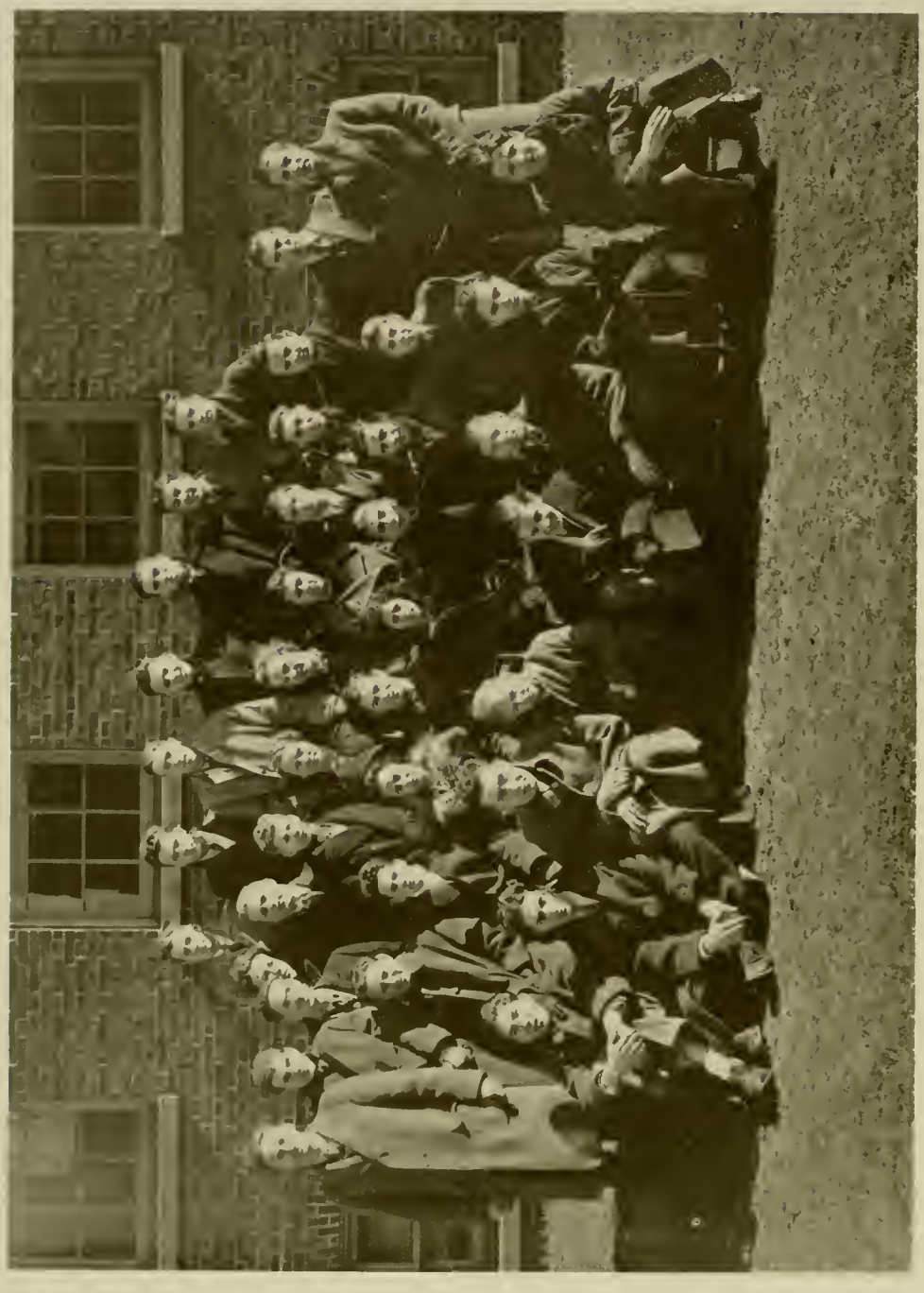
Leonard Joseph Tolley—*A wise scholar, with a kindly air and a continuous flow of advice for freshmen.*

Daniel David Weinstein—*"Resolved—that I shall give my classmates a pleasant interruption at 9.15 every pharmacy lecture."*

Maurice Wiener—*What sayest thou, O bearded sage?*

Victor H. Morgenroth, Jr.—*"A superior man is modest in his speech, but exceeds in his actions."*

Freshman



Freshman Class

Harris
Miss Caplan

Mr. Parsons
Goldberg

Goldstein
Zuckerberg

Freshman Class Officers

Mr. Arthur C. Parsons
Honorary President

Samuel Harris	*President*
Armand Goldstein	*Vice-President*
Miss Clarice Caplan	*Secretary*
Albert Goldberg	*Treasurer*
Morris Zuckerberg	*Sergeant-at-Arms*

FRESHMAN CLASS

Francis Salvatore Balassone—*I prefer prudence to loquacious folly.*

Elmar Bernard Berngartt—*Oh, why should life all labor be.*

Clarice Caplan—*The two noblest of things, which are sweetness and intelligence.*

Matthew Joseph Celozzi—*A merry heart maketh a cheerful countenance.*

Harry I. Cohen—*It is quiet people who accomplish much.*

Samuel Cohen—*Nature has given us two ears, two eyes, and but one tongue, to the end that we should hear and see more than we speak.*

Madeleine Crouse Cooper—*I consider it the best part of an education to have been born and brought up in the country.*

Wilford Anderson Council, Jr.—*The soul of this man is in his clothes.*

Mary Rosella DiGristine—*Judge not a woman by her inches.*

John H. Edyvean—*A life of pleasure makes even the strongest mind frivolous at last.*

Herbert Ehudin—*There is a woman at the beginning of all things.*

Bernard S. Feinstein—*I loathe that low voice, curiosity.*

Joseph Jay Fine—*The flowering of civilization is the finished man—the man of sense, of accomplishment—the gentleman.*

Albert Goldberg—*Laughter, fun, good humor, and fellowship, rolled into one.*

Armand Milton Goldstein—*Wine, woman and song—a college student's delights.*

Joseph Greenberg—*I wonder if a violin is much cheaper.*

Albert Gubnitsky—*Good company and good discourse are the very sinews of virtue.*

Leonard Gumenick—*The more we study the more we discover our ignorance.*

Katherine M. Hammel—*Bravely, gamely sticking until she sees it through.*

Samuel Harris—*Merit is worthier than fame.*

Melvin J. Jaworski—*To be doing good is man's most glorious task.*

Morton Kahn—*He scarce awake her eyes could keep, unable to support the fumes of sleep.*

Irvin Kamenetz—*Blessings on him who first invented sleep.*

Frank Thomas Kasik, Jr.—*With just enough of learning to misquote.*

Nelson Krivitsky—*The aim if reached or not makes great the life.*

Anthony J. Kursvietis—*An effort made for the happiness of others lifts above ourselves.*

Pledges

Act II

Admiral Bull

Act I

Guest speaker

Before-After

Mixer

FRESHMAN CLASS

Norbert Gordon Lassahn—*The secret of success is constancy to purpose.*

Ruth Lavinka—*Silence is better than meaningless words.*

Phillip H. Lerman—*Peace rules the day where reason rules the mind.*

Leon Phillip Levin—*To make pleasures pleasant shorten them.*

Irving Levy—*Ah, but women are so elusive.*

Maurice Victor Mayer—*A page digested is better than a volume hurriedly read.*

Edward Miller—*On their own merits modest men are dumb.*

Emerson Caryle Phillips—*If country life be healthful to the body, it is no less so to the mind.*

Alphonse Poklis—*A contented spirit is the sweetness of existence.*

Philip Frederick Richman—*We may with advantage at times forget what we know.*

Donald Rosen—*Life is to be fortified by many friendships.*

Norman Robert Sachs—*A woman without gold is like a dessert without sand.*

Solomon Sandler—*Blessed is he who expects nothing for he shall never be disappointed.*

Mildred Schlaen—*And still they gazed and still the wonder grew. That one small head could carry all she knew.*

Robert Shear—*He knows not when to be silent, who knows not when not to speak.*

Joseph Shook—*They conquer who believe they can.*

Harold Siegel—*A sweet new blossom of humanity fresh fallen from God's own home, to flower on earth.*

Edgar Mano Silberg—*One thing I've learned—never to speak sense when nonsense will answer the purpose.*

Robert Simonoff—*It's dangerous to grow old too quickly.*

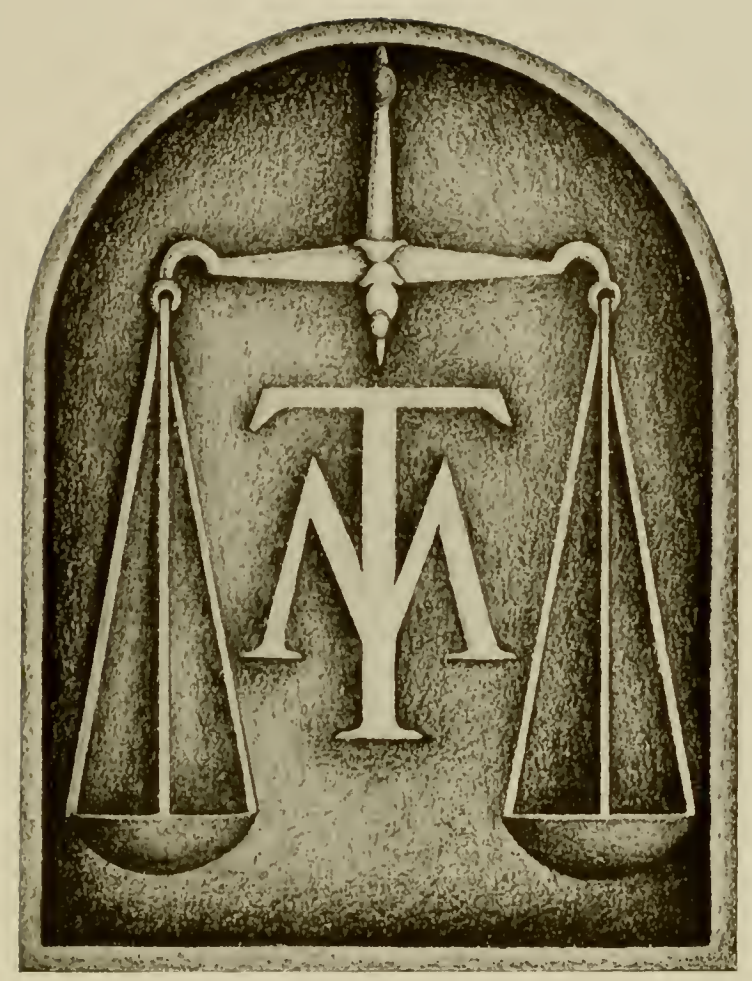
Daniel E. Smith—*And suddenly I heard a loud explosion . . . .*

Irvin Sowbel—*In framing artists, art hath thus decreed. To make some good but others to exceed.*

Kenneth Gordon Spangler—*Not blustering but firm and confident in himself.*

Melvin Raymond Sweren—*You beat your pate and fancy wit will come. Knock as you please there is no one home.*

Morris Zukerberg—*When joy and duty clash, let duty go to smash.*



BOOK THREE

WILLIAM PROCTOR, JR., a native of Baltimore, was one of the most prominent and active workers in the founding of the American Pharmaceutical Association. Proctor, born in Baltimore on May 3, 1817, became a pharmacist's apprentice in Philadelphia at the age of fourteen. He attended the Philadelphia College of Pharmacy, and in 1840, three years after his graduation, began his public career by becoming elected a member of the College's faculty. Following the separation of the chair of Materia Medica and Pharmacy, he was unanimously elected to the professorship of Pharmacy. The superb quality of his lectures, coupled with their eminent practicality, brought him as an immediate response, fame and appreciation.

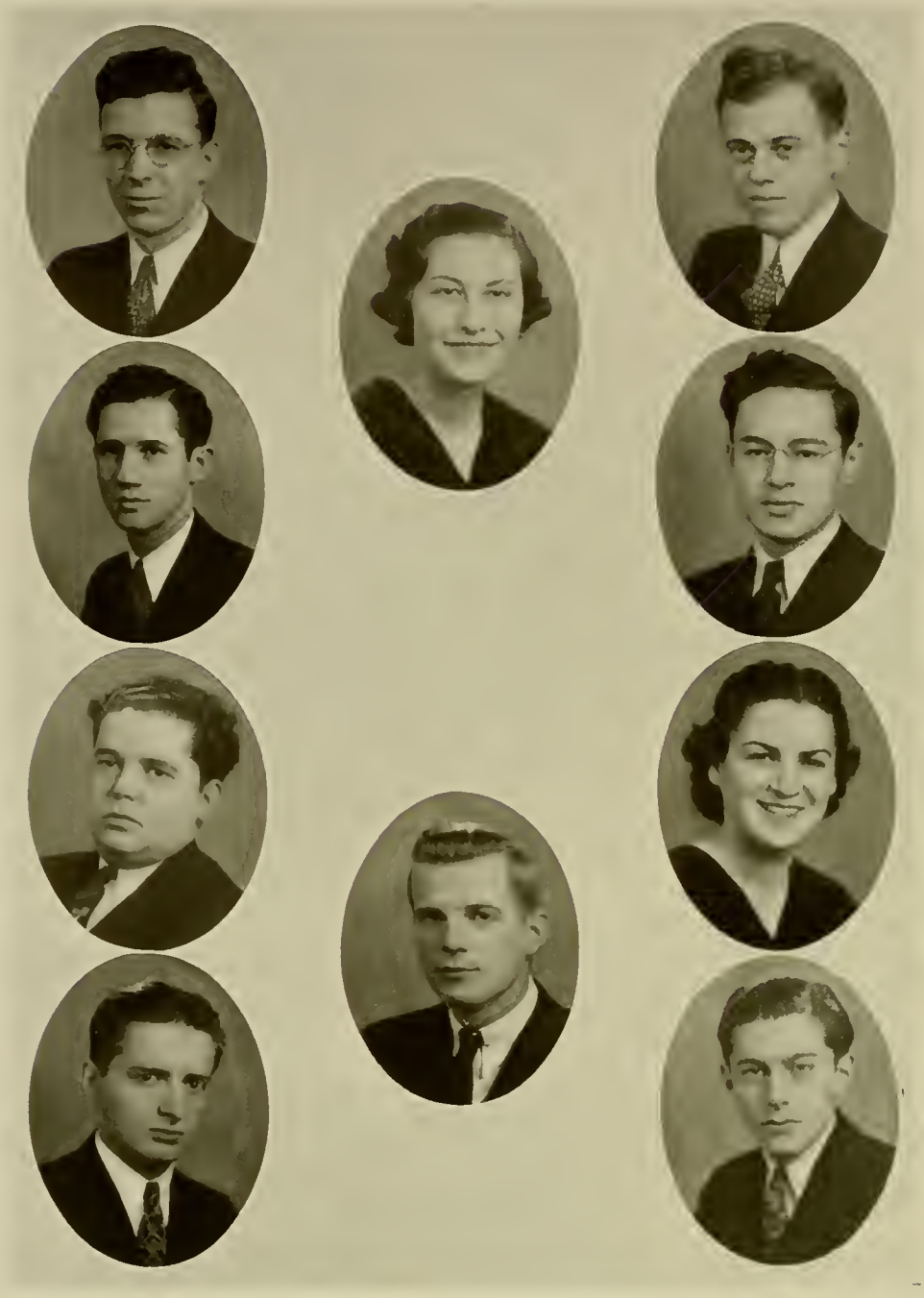
In 1850, Proctor became editor of the *American Journal of Pharmacy*, and for twenty years this publication, both through his executive ability and his authorship of numerous articles, was a reflection of the man's active and forceful mind.

While carrying on his work at the Philadelphia College of Pharmacy he undertook the establishment of his own business, which soon became quite successful. In addition to these numerous activities, he served on the Committee of Revision of the United States Pharmacopoeia for thirty years.

He died, unexpectedly, in 1874, at his home in Philadelphia.

William Proctor, Jr.
(1817 — 1874)

Organizations



NEWLY ELECTED MEMBERS TO RHO CHI

Cross
Rabinowitz
Weiner
Thompson

Miss Glickman
Hager

Alperstein
Sborofsky
Miss Weisberg
Hamlin

Rho Chi Society

HONORARY PHARMACEUTICAL SOCIETY
OMICRON CHAPTER—ESTABLISHED 1930

OFFICERS

Melvin F. W. Dunker	*President*
Howard A. Miller	*Vice-President*
Julius Messina	*Secretary*
L. M. Gilbert, Jr.	*Treasurer*

Chapters of Rho Chi may be established only at recognized colleges of pharmacy. Eligibility for membership is based on the completion of 75 credit hours of college work and the attainment of certain prescribed standards for scholarship, character, personality, and leadership.

ELECTED TO MEMBERSHIP IN 1937

Graduate Student

John M. Cross

Seniors

Reuben R. Alperstein
Shirley M. Glickman
Irving W. Rabinowitz
Isadore Sborofsky
David Weiner
Ruth R. Weisberg

Juniors

George P. Hager
Kenneth E. Hamlin
Robert E. Thompson

Mr. Joseph Ayd
Honorary President of The Alumni Association

Alumni Association,
School of Pharmacy,
University of Maryland.

Dear Fellow Members:

As Honorary President of your fine organization, which honor you so graciously conferred upon me last June, and which pleased me very much, I extend my sincerest and best wishes to you all.

I have been a native of Baltimore all of my life. My early education was received at St. James' School. From there I went to Loyola College, and then completed my course in Pharmacy at the Maryland College of Pharmacy, graduating in 1880.

It gives me great pleasure to wish you all Godspeed, happiness and success.

Very truly yours,

Joseph Ayd, Ph.G.,
Honorary President.

Rezek Strevig Wannenwetsch Cole Ragland
Austin Birely Davidov Getz

Alumni Association

"THE Society of the Alumni of the Maryland College of Pharmacy" was organized on May 15, 1871, and continued its separate existence as such, or as "The Alumni Association of the Maryland College of Pharmacy" until 1907, when the General Alumni Association of the University of Maryland was formed. Following the organization of the General Alumni Association, the Society remained dormant until June 4, 1926, when it was re-established as "The Alumni Association of the School of Pharmacy of the University of Maryland."

OFFICERS AND EXECUTIVE COMMITTEE, 1936-37

Joseph Ayd	*Honorary President*
John F. Wannenwetsch	*President*
John A. Strevig	*First Vice-President*
George J. Rezek	*Second Vice-President*
B. Olive Cole	*Secretary*
T. Ellsworth Ragland	*Treasurer*

ELECTED MEMBERS

Charles S. Austin, Jr. Roy M. Birely Hyman Davidov David B. Getz

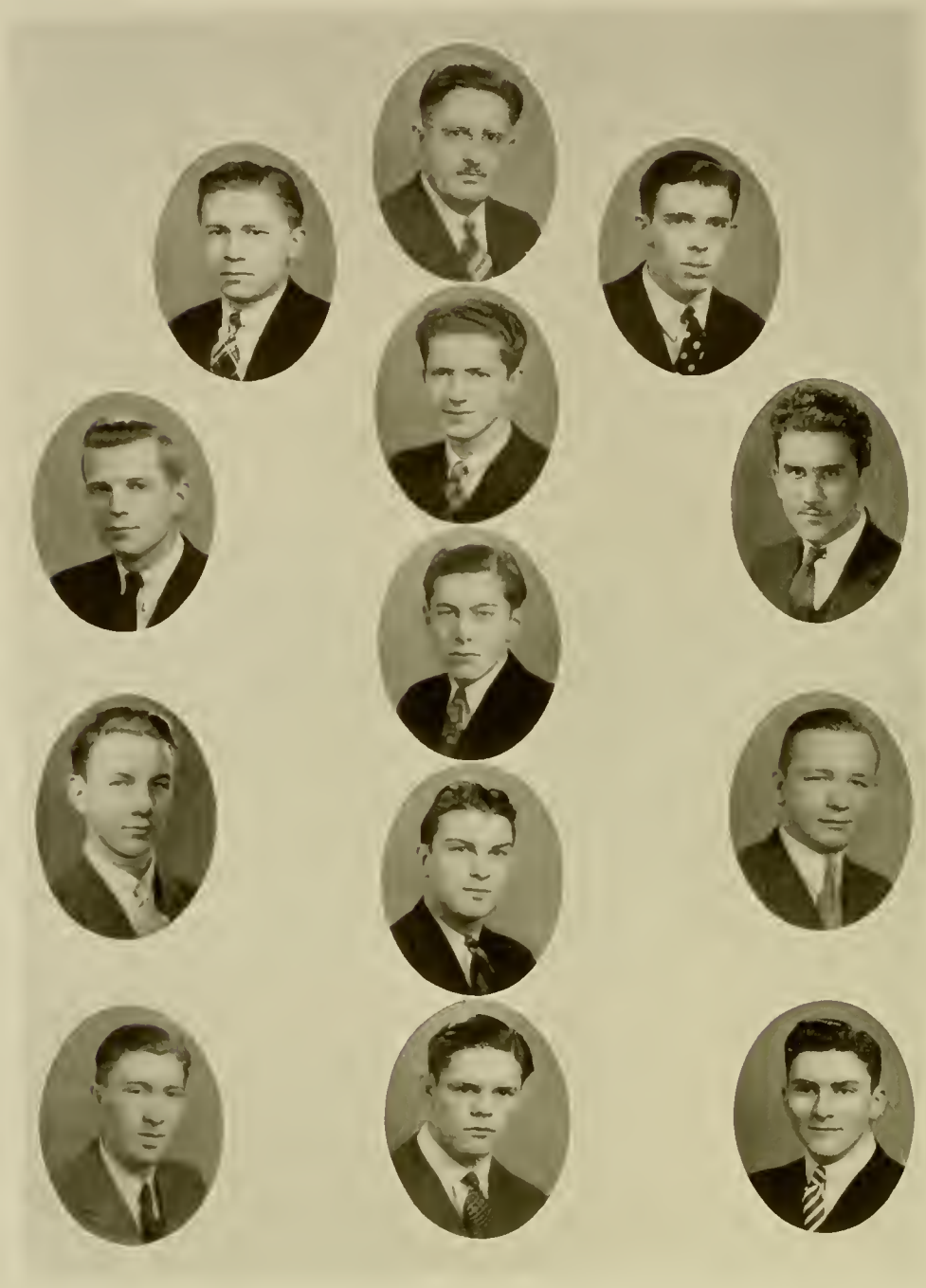
The Alumni Association of the School of Pharmacy is not only tirelessly working for greater harmony between all of the schools of the University, but it is also striving to attain a deeper understanding and a more cooperative spirit between the Alumni membership and the students of the School of Pharmacy. In this way only can we hope that each year's graduates will assume an immediate and active part in the Association.

The year 1937 marks the first time that a combined Alumni banquet was held for all the schools of the University of Maryland. It is hoped that this plan will be continued in future years, so successful was the outcome of the banquet held at the Lord Baltimore Hotel on February 11, 1937.

Although the membership is not as large as we would like it to be, it is most encouraging to know that new members have been steadily increasing, and it seems probable that the membership in the next year or two will surpass that of any previous time.

The officers and members of the Alumni Association extend to the Class of 1937 their sincere congratulations and wish them success in their chosen profession.

John F. Wannenwetsch, *President.*



STUDENT COUNCIL

Dr. Thompson

Cermak

Hager
Sama
Spangler

Alliker
Hamlin
Baker
Councill

Mouat

Katz
Tolley
Mayer

THE STUDENT COUNCIL

OFFICERS

Dr. M. R. Thompson	*Faculty Advisor*
Jerome J. Cermak	*President*
Gordon A. Mouat	*Vice-President*
George P. Hager	*Secretary*

MEMBERS

Seniors

Jerome J. Cermak — George A. Mouat — Morris Joshua Alliker

Juniors

Kenneth E. Hamlin, Jr. — George P. Hager — Emanuel O. Katz

Sophomores

Mario A. Sama — Leonard J. Tolley — Daniel S. Baker

Freshmen

Kenneth Spangler — W. A. Councill, Jr. — Victor Mayer

The Student Council of the School of Pharmacy was organized on April 7, 1926, and has as its present faculty advisor Dr. M. R. Thompson. The council is a representative group composed of twelve members, three elected from each class. It supervises in a general way the social and athletics activities of the school, and seeks to encourage and foster in the student body a friendly and wholesome spirit which will reflect honor on the splendid traditions of the University.

The Student Council has been a means of instilling the feeling of fellowship among the students, and has continually worked for the development of harmony and cooperation between the student body and the faculty. The Council has sought to instill in each student the desire to conduct himself honestly, fairly and courteously in all his activities, both within and without the University. The liberal policy which has characterized is supervision of the extra-curricular activities has met with the general approval and cooperation of the student body.

Lieberman, Golditch, Beck, Enten, Colvin, Gruz,
M. Miller, Hager, Miss Schlaen, Alperstein, Hoffman

TERRA MARIAE STAFF

EDITORIAL STAFF

Reuben R. Alperstein	*Editor-in-Chief*
Sylvan Hoffman	*Fourth-Year Assistant*
Daniel Mendelsohn	*Third Year Assistant*
Lawrence Lieberman	*Second-Year Assistant*
Mildred Schlaen	*First-Year Assistant*

FEATURE STAFF

Sylvan E. Beck	*Feature Editor*
Sylvan Einbinder	Bernice Heyman
Harry Enten	Ralph Colvin

CLASSES STAFF

Milton Miller	*Classes Editor*
Nathan Gruz	Victor Mayer
Eugene Jacobs	Edgar Silberg
Arthur Novak	*Art Editor*
Walter C. Gakenheimer	*Photographer*

BUSINESS STAFF

George P. Hager — *Business Manager*

ASSISTANTS

Henry M. Golditch — F. Rowland McGinity

ALPERSTEIN, *Editor*

HAGER, *Business Manager*

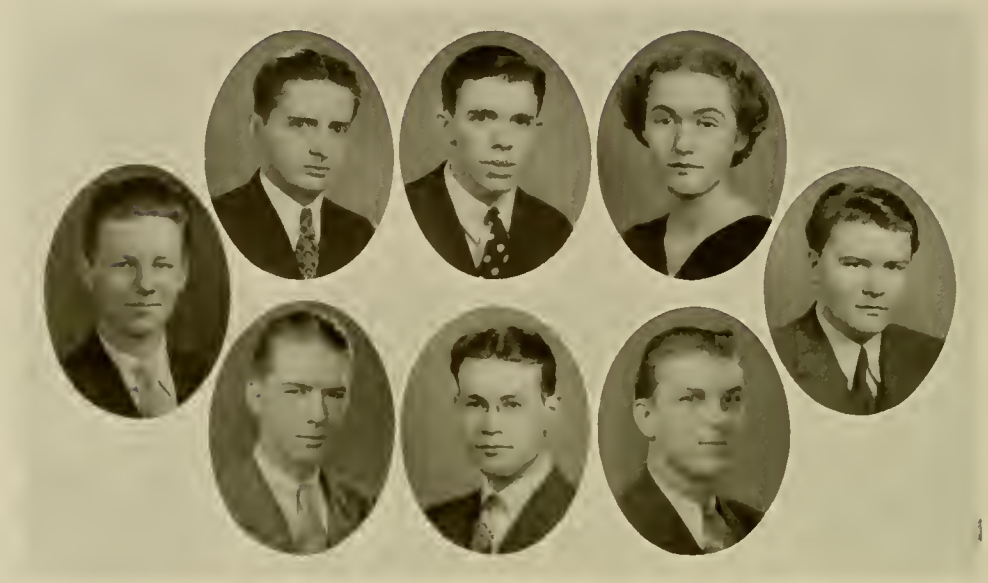
To the Students:

Despite a severe financial reduction in our budget we feel that we have reached the goal we set for ourselves—to make this edition of the TERRA MARIAE one of the most enjoyable and true records of our scholastic life.

If in reading this volume, you feel that your class has been slighted, remember that but for the efforts of a few of your classmates even that space devoted to your class could not have been possible. We have attempted in our write-ups and other features to portray in words a true picture of the impression you have created in the minds of your classmates. Those articles published for their humorous content, we feel, will be taken in the spirit in which they were written and require no comment.

In closing, permit me again to thank those members of the staff whose generous assistance and splendid cooperation made this book possible.

REUBEN R. ALPERSTEIN,
Editor.



Kelly | Thompson, Jones | Mouat, McGinity | Muehlhause, Baker | Purdum

STUDENTS' AUXILIARY

OF THE

MARYLAND PHARMACEUTICAL ASSOCIATION

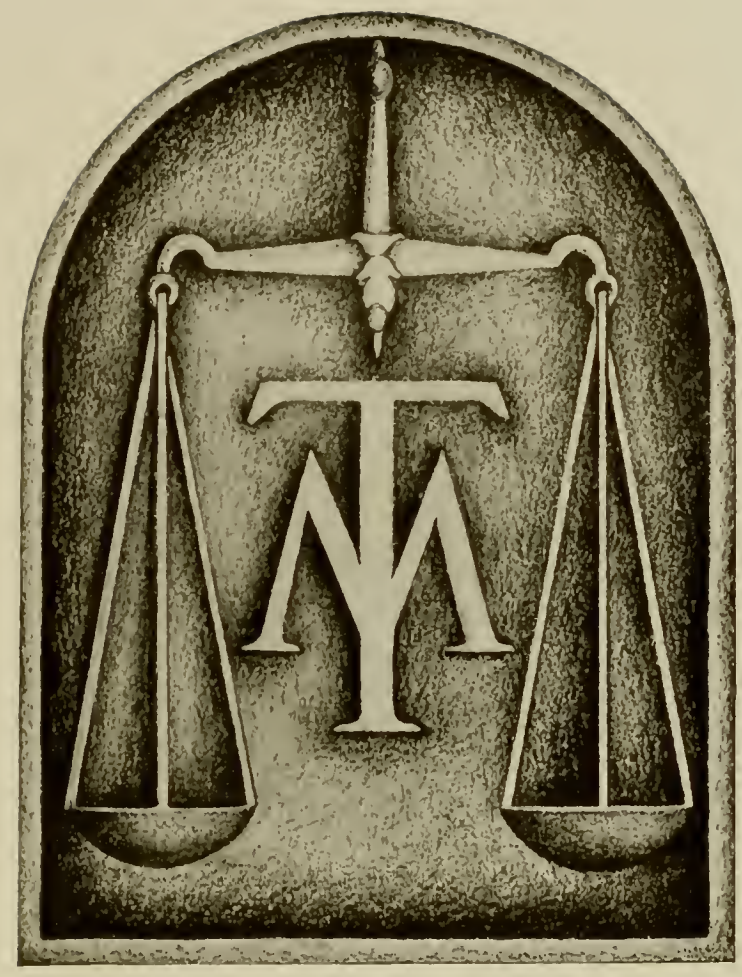
The Students' Auxiliary of the Maryland Pharmaceutical Association has begun its second year's work. Having successfully started its task of familiarizing the students with the problems confronting pharmacy, this organization has used every means available to carry this program to an end.

The officers for this season were:

Gordon Mouat	*President*
Robert Thompson	*Vice-President*
Miss Ruth Muehlhause	*Secretary*
Gordon Kelly	*Treasurer*
Frank Purdum	*Editor*
McGinity, Jones, Baker	*Executive Committee*

The Auxiliary has been furnished with copies of the *Maryland Pharmacist* for each of its members for each month of this session. On the program have been several interesting speakers, one of whom was Dr. Frank Kirby, of Abbott Laboratories. Dr. Kirby spoke on "Diseases of the Head." A talk by Mr. M. Strausberger is scheduled for the near future, as is also a scientific film to be obtained by Dr. M. R. Thompson.

The number of students present at each meeting and the interest exhibited by these students has shown that they are becoming more aware of the importance of a close relationship of the student and the outside problems of pharmacy.



BOOK FOUR

EDWARD ROBINSON SQUIBB, although a physician and not a pharmacist, exerted great influence on the trend of methods of pharmaceutical manufacturing through the practice of his proverbially rigid rules of honesty and integrity.

He was a man of limitless energy, profound intellect, and incorruptable honesty. His fertile mind produced numerous papers, over one hundred of which appeared in the *American Journal of Pharmacy* alone.

Squibb was born in Wilmington, Delaware, on July 4, 1819; and was graduated from the Jefferson Medical College of Philadelphia at the age of twenty-five. He practiced medicine until 1847, at which time he became an assistant surgeon in the Navy and served in that capacity during the Mexican War.

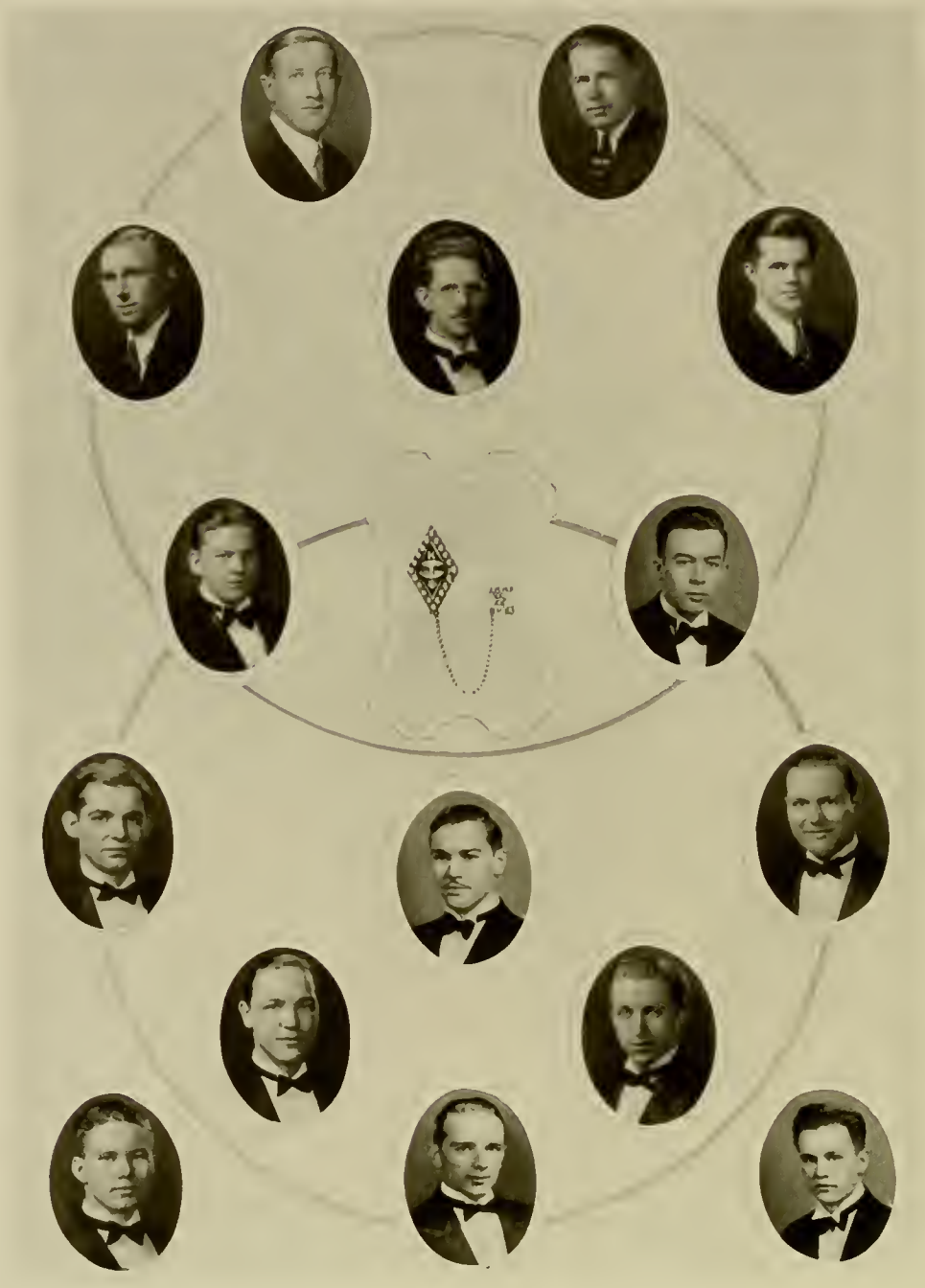
In 1852, he organized the Brooklyn Naval Hospital Pharmaceutical Laboratory; and it was here that he perfected his famous steam ether process, still in use today without any basic change. In 1857, with the aid of Dr. J. Lawrence Smith, he established a plant for the manufacture of ether. Squibb was not satisfied with this arrangement, however, and in 1859 founded his own laboratory in Brooklyn.

Into this plant Squibb poured his wealth of knowledge, and all his energy, with the sole purpose of providing the medical profession with the finest and purest pharmaceuticals that it was possible to prepare. This plant prospered into a great manufacturing house.

From the year 1858, when he became a member of the American Pharmaceutical Association, until his death in 1900, he was an officer and one of the most active and influential members. His work contributed largely to the success of that society; and, in quite another field, to this very day, the good name of E. R. Squibb is an invaluable asset to the firm which still bears his name.

Edward Robinson Squibb
(1819-1900)

Fraternities



★ ★ ★ ★ ★ ★ ★

Kappa Psi

Sigma Chapter

Founded 1879

Flowers: Red Carnation

Colors: Scarlet and Gray

Directory: Agora

Publication: Mask

OFFICERS

George I. Young, Jr.	*Regent*
Melvin L. Floyd	*Vice-Regent*
Alphonsus S. Ginaitis	*Treasurer*
Joseph H. Schade	*Secretary*
William Schmidt	*Chaplain*
James Buffington	*Historian*

Fratres Honores

Andrew G. DuMez

Marvin J. Andrews

E. G. Vanden Bosche

Edgar B. Starkey

Fratres in Universitate

James Buffington

Melvin L. Floyd

Alphonsus S. Ginaitis

Elmer R. Kellough, Jr.

Chester Kosakowski

John F. Neutze

Daniel A. Santoni

Joseph H. Schade

Millard T. Traband, Jr.

Franklin Turner, Jr.

George I. Young, Jr.

AZΩ

★ ★ ★ ★ ★ ★ ★

Alpha Zeta Omega

KAPPA CHAPTER

Founded at Philadelphia College of Pharmacy, 1916
Kappa Chapter at University of Maryland, Established 1921

Flower: Carnation Publication: Azoan Colors: Blue and White

FRATRES HONORARES

E. F. Kelly John C. Bauer John C. Krantz David I. Macht

Officers

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ALFRED I. AARONSON	*Sub-Directorum*
JEROME J. KARPA	*Signare*
ALEXANDER M. MAYER	*Exchequer*
HERMAN J. FISH	*Bellarum*
HERSHEL COHEN	*Chaplain*

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Robert Abramowitz
Harry Bassin
Ellis Berman
Fredric T. Berman
Charles Bleckman
Sam Block
Simon Brager, M.D.
Elman Calmen
Harry Cohen
Nathan Cohen
Norman Cooper
Martin Eisen
Milton Feldman
David Finkelstein
Harry Fivel
Isaac Flom
Irving Freed
Irving Galperin
Daniel Goodman
Thomas Gorban
Harry Greenberg
Harry Hantman
David Hecker
Max M. Helman
Samuel Higger
Jerome Honkofsky
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Isadore Karpa
Maurice Karpa
Earl Kerpelman
Alfred Kolman
Jay Krakower
Phil Kramer
Godfrey Kroopnick
Bernard Lavin
Lester Levin
Alvin Liptz
Ben H. Macks
Sidney Marks
David Mermelstein
Jack I. Parks
Frank Paul
Howard Paul
Aaron Paulson
Leon Raffel
Robert Robertson
David Roberts, M.D.
Samuel Rostov
William Sapperstein
Marcus Satou
Robert Scher
Nathan Schiff
Milton Schlachman
George Schochet
Paul Schochet
Benjamin Schoenfeld
Henry G. Seidman
Morris Shenker
David Sherry
Morton Schnaper
Emanuel Shulman, Ph.D.
Maurice Smith
Milton Smulson
Arthur Storch
Benjamin Striner
Leon Tatter
David Tenner, M.D.
David Tourkin
Hammond Totz
Martin Weiner
Sidney Zerwitz

Fratres in Universitate

Alfred I. Aaronson
Hershel Cohen
Herman J. Fish
Isaac Frohman
A. M. Libowitz
Jerome J. Karpa
Benjamin Kobin
Albert Kurland
Alexander M. Mayer
Daniel Mendelsohn
Daniel Mermelstein
Leonard Rapoport

Pledgees

Laurence Lieberman
Daniel Weinstein
M. Victor Mayer
Donald Rosen
Alvin Rosenthal
David Massing
Robert Simonoff

Phi Alpha

Founded at George Washington University, October 14, 1914.

Beta Chapter installed at Professional Schools, University of Maryland, February 22, 1916.

Publications: Phi Alpha Bulletin, Phi Alpha Quarterly.
Betabloid (Chapter)

Colors: Red and Blue — Flower: Rose

Officers

Bernard Levy	*Grand Regent*
Morris Giller	*Vice Grand Regent*
Emanuel Katz	*Keeper of the Secret Scrolls*
Morris Rosenberg	*Keeper of the Exchequer*
Roland Galley	*Bearer of the Mace*

Active Fraters

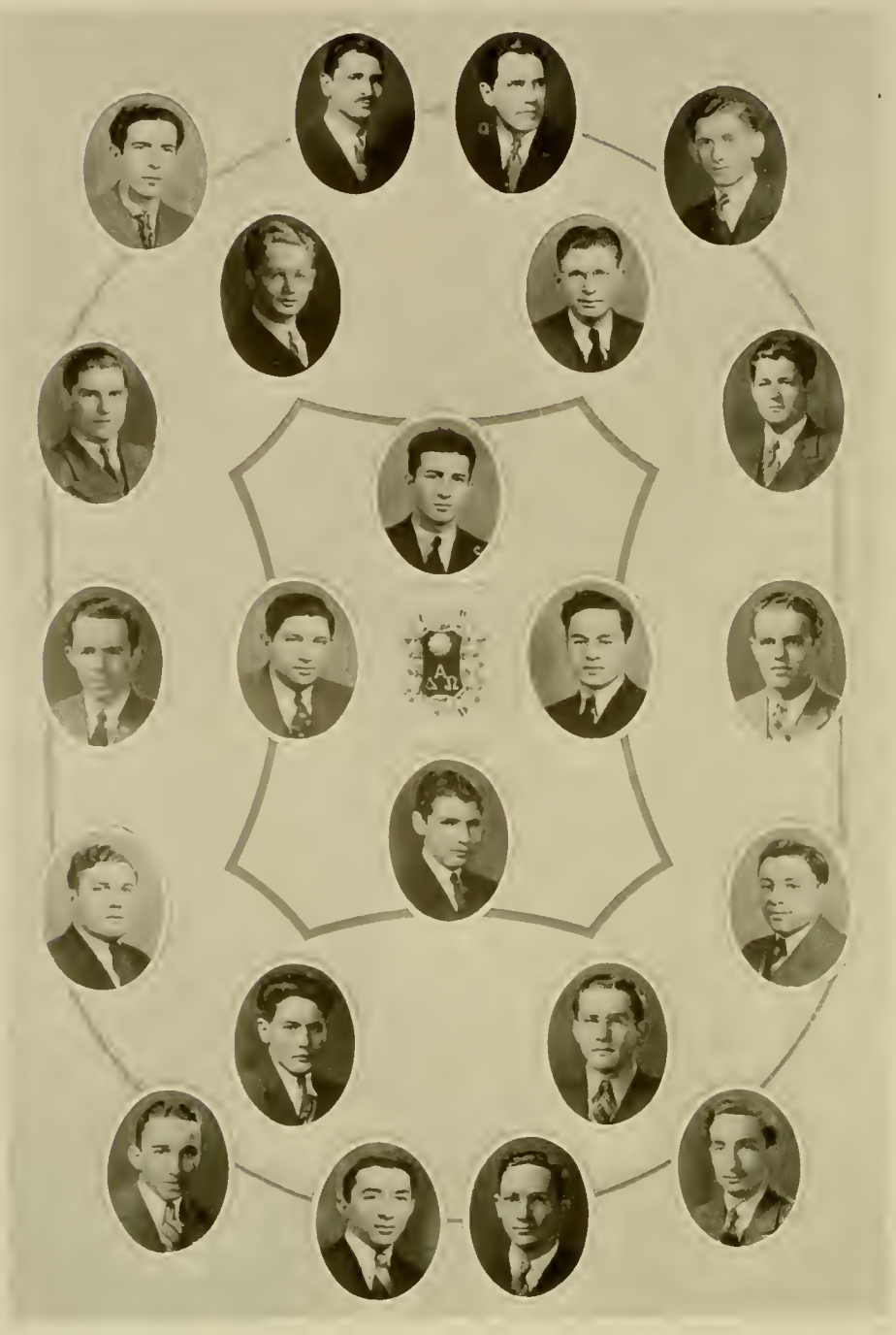
Morris Alliker
Bernard Cherry
Sylvan Einbinder
Joseph Fine
Roland Galley
Morris Giller
Louis Glaser
Sylvan Goodman
Bernard Green
Leonard Kandel
Melvin Kappelman
Emanuel Katz
Sidney Fribush
Bernard Levy
Isadore Pass
Morris Rosenberg
Sidney Shochet
Isaac Sloan
Nathan Snyder

Undergraduate Chapters

Alpha—George Washington University
Beta—University of Maryland (Baltimore)
Gamma—Georgetown University
Delta—Northwestern University
Epsilon—University of Maryland (College Park)
Zeta—Yale University
Eta—Johns Hopkins University
Theta—New York University
Iota—Columbia University
Kappa—University of Pennsylvania
Lambda—De Paul University
Mu—University of Virginia
Nu—Clark University
Omicron—University of New Hampshire
Pi—Boston University
Rho—Richmond University
Sigma—Brooklyn Polytechnic Institute
Tau—College of William and Mary
Phi—Duquesne University
Upsilon—University of Chicago
Chi—Trinity College
Psi—University of Tennessee
Omega—University of North Carolina
Alpha Alpha—University of W. Virginia
Alpha Beta—Temple University
Alpha Gamma—Wayne University
Alpha Delta—Detroit University
Alpha Epsilon—St. John's College

Alumni Chapters

Baltimore
Boston
Chicago
Hampton Roads
Hartford
Johannesburg, South Africa
Los Angeles
Memphis
New Hampshire
New Haven
New Jersey
New York
Philadelphia
Pittsburgh
Richmond
Washington



Alpha Delta Omega

BETA CHAPTER

OFFICERS

Chancelor	Albert Ellerin
Vice Chancelor	Isadore Sborofsky
Scribe	Louis Schloss
Master of Records	Jerome Mask
Exchequer	Norman Levin
Guard	Max Sadove

FRATERS IN UNIVERSITATE

Albert Ellerin	Harold Zerofsky
Nathan Gruz	Jerome Mask
Leonard Freedman	Isadore Sborofsky
Norman Levin	Harry Enten
Harry Rostacher	Morton Katz

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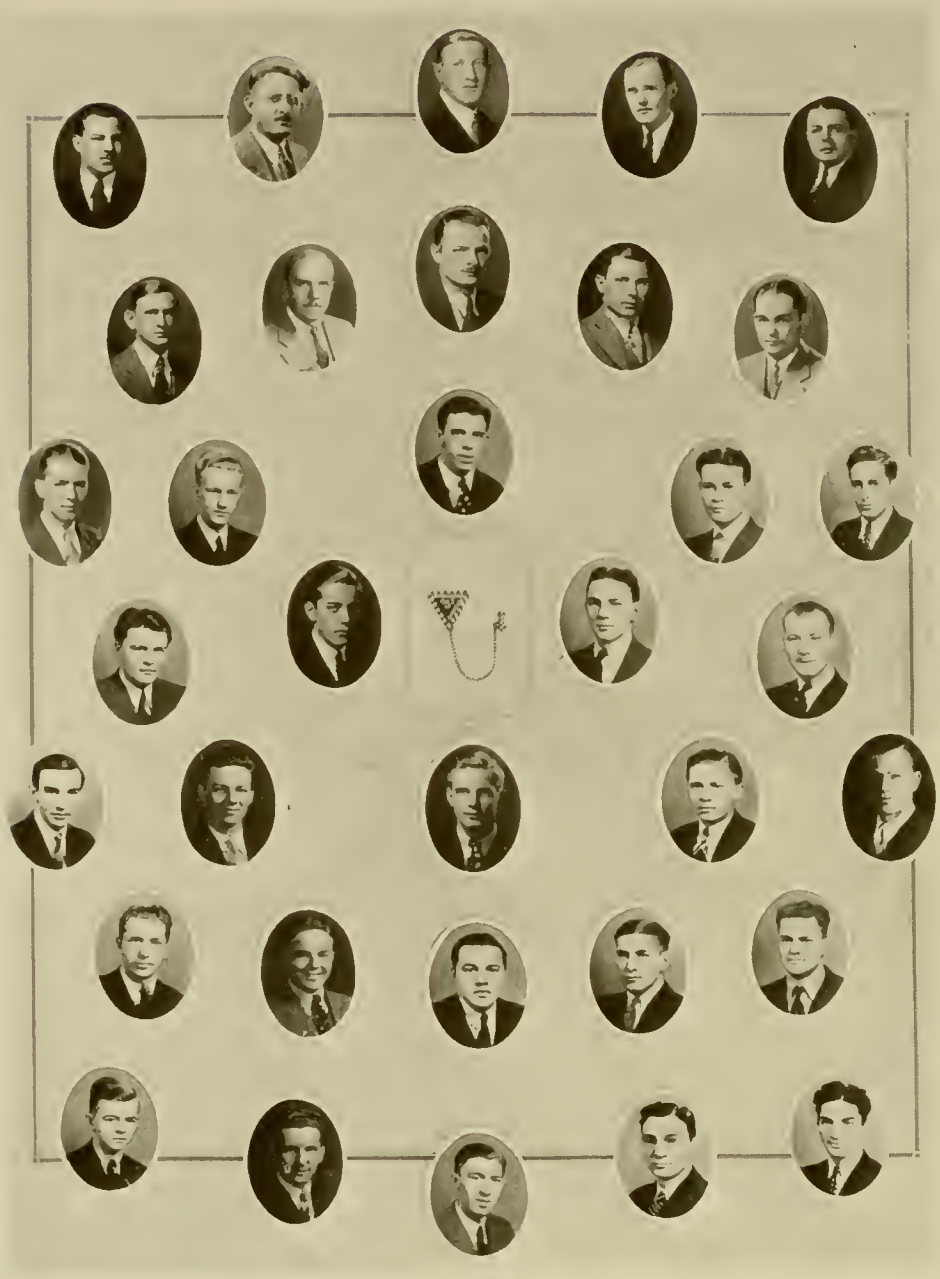
Louis Schloss	Oscar Hartman
Marion Friedman	Milton J. Wilder
Robert Mazor	Max Sadove
Herbert Schneyer	Dr. Gustave Highstein
Armand Kovitz	Dr. Samuel Wiseman
Albert Heyman	Edward Cornblatt
William R. Platt	Lester Kolman
Morris Miller	Isador Kaplan
Albert Abelson	Louis J. Kurland
Michael Block	Meyer Kushner
Abe Danoff	Paul Kushner
Louis Eisenberg	Harry Mitnick
Isador Feinstein	Reuben Narunsky
Karl Finkelstein	Dr. M. Paensin
Charles Gordon	Leon Rosenberg

Daniel Barke

PLEDGEES

harry gendason	milton waxman
meyer stoler	irvin kamanitz
charles ellerin	bernard feinstein
jack levin	



Phi Delta Chi

Iota Chapter

Founded at Ann Arbor, Michigan, 1883

Flower: Red Carnation

Colors: Maroon and Old Gold

OFFICERS

Gordon A. Mouat	President
Kenneth E. Hamlin, Jr.	Vice-President
George P. Hager, Jr.	Treasurer
Mario A. Sama	Secretary
Jerome J. Cermak	Sergeant-at-Arms
William A. Morganstern, Jr.	Prelate
Joseph L. Combs	Inner Guard

CHARTER MEMBERS

Walter A. Anderson
Ray S. Bare
D. F. Fisher, Jr.
U. Kerr Henderson, Jr.
Randolph A. Horine
Karl H. Kasten
E. F. Kelly
George B. McCall
J. Ross McComas, Jr.
H. E. Martz
Jerrold W. Neel, Jr.
Matthias Palmer
Milton J. Sappe
William T. Schnabel
Donald A. Schannon
Frank J. Slama
J. Carlton Wolf

MEMBERS ON FACULTY

Arthur H. Bryan
Gustav E. Cwalina
Andrew G. DuMez
William Hunt
E. F. Kelly
W. Arthur Purdum
M. A. Pittman
Frank J. Slama
Guy P. Thompson
M. R. Thompson
J. Carlton Wolf

ACTIVE MEMBERS

Jerome J. Cermak
Joseph L. Combs
Warren E. Crane
Leroy O. Dawson
George P. Hager, Jr.
Kenneth E. Hamlin, Jr.
Cyrus F. Jones
Gordon W. Kelly
William A. Morganstern, Jr.
Gordon A. Mouat
Frank L. Purdum
Mario A. Sama
Winfield A. Walb
Carville Benson Hopkins
Walter C. Gakenheimer
Emerson Carlyle Phillips
Kenneth G. Spangler
Joseph Shook
Matthew Joseph Celozzi
Francis S. Balassone

PLEDGEES

Howard E. Loftus

LAMBDA KAPPA SIGMA

National Pharmaceutical Sorority

Epsilon Chapter

Flower: Chrysanthemum — Colors: Blue and Gold

OFFICERS

Mrs. E. V. Shulman	Honorary President
Edith Muskatt	President
Ruth Weisberg	Vice-President
Bernice Heyman	Recording Secretary
Mrs. R. O'Connor Bradford	Corresponding Secretary
Lillian Passen	Treasurer

SORORES IN UNIVERSITATE

B. Olive Cole	Shirley Glickman	Lillian Passen
Amelia C. DeDominicis	Bernice Heyman	Ruth Weisberg
	Sylvia Millet	

SORORES IN URBES

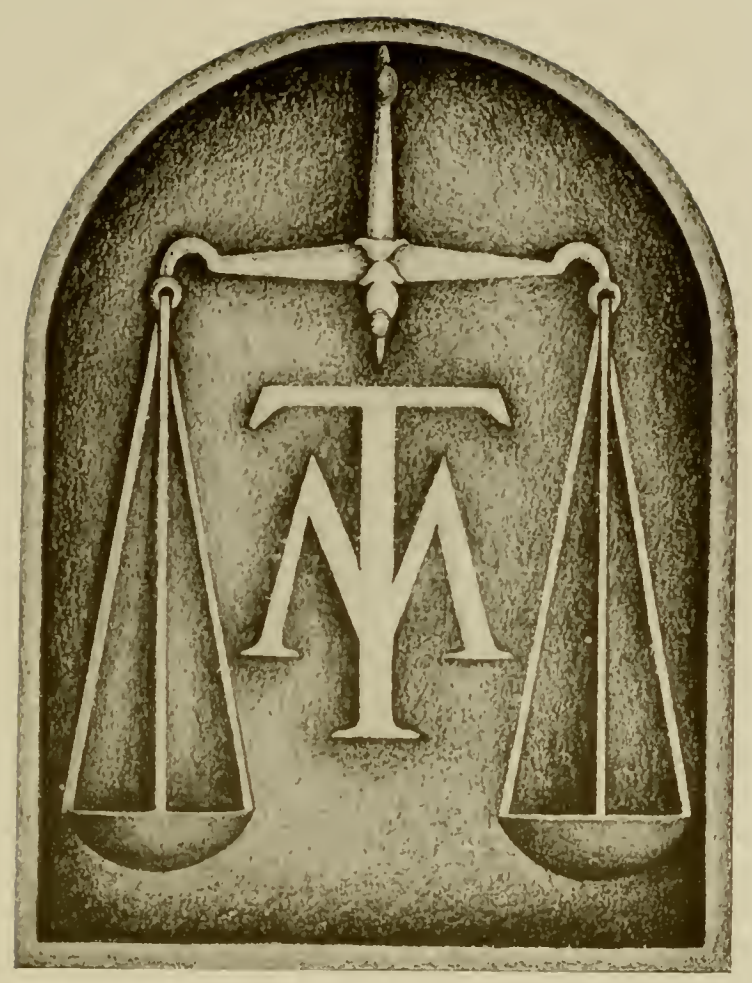
Mrs. R. O'Connor Bradford	Ada C. Hewing	Mrs. M. Shivers Petts
Frieda Carton	Mrs. S. Velinsky Hoffman	Dorothy Schmalzer
M. Carol Fleagle	Corinne Jacobs	Lea Scoll
Mrs. F. Kroopnick Freed	Elizabeth Jeppi	Mrs. B. Gitomer Stein
Mrs. J. Yevzeroff Goldstein	Nancy Kairis	Mrs. V. Scott Taylor
Jeanette Heghinian	Elizabeth Kreis	Mrs. Ida N. Wolf
	Edith Muskatt	

HONORARY MEMBERS

Mrs. A. G. DuMez	Miss Bernice Pierson	Mrs. E. V. Shulman
Mrs. G. L. Jenkins	Mrs. C. C. Plitt	Mrs. H. E. Wich
Mrs. A. H. Parsons	Mrs. W. A. Purdum	Mrs. J. C. Wolf
	Mrs. H. H. Roseberry	

PLEDGEES

Olga P. Matelis — Ruth V. Muehlhause — Mildred Schlaen — Katherine Parker



BOOK FIVE

DANIEL HANBURY

(1825-1875)

Daniel Hanbury, born at London in 1825, began his phenomenal pharmaceutical career in the old Plough Court Pharmacy at the age of sixteen. His precocious ability in water-coloring, coupled with his naturally acute eye for form, color and texture, soon distinguished him as one of the foremost, if not the greatest, pharmacognocists of his day. His surpassing ability to distinguish, identify, appraise and classify crude drugs by sight and touch alone soon made him famous.

His genius while towering, was still untrained, however; and it was not until he spent several years under Pereira, the great pharmacologist, at the laboratory of the British Pharmaceutical Society in Bloomsbury Square, that he began to produce research work of great value.

In the next thirty years of his life, he published reports thick and fast. They number above eighty, and concern themselves with almost all the aspects of pharmacy, as well as materia medica. His work on Cinchona and Ipomoea contributed much to our present-day knowledge of those drugs; and his studies of Balsam of Peru, Styrax, Scammony, etc., are regarded as classic.

Meanwhile, he was crowned with almost all the honors British pharmacy could confer upon him: twice he received the honor of the Presidency of the British Pharmaceutical Association; the Linnaean Society made him a member; and, greatest distinction of all, he became a fellow of the Royal Society in 1867.

Notwithstanding all his honors and duties, this prodigious worker somehow found time to scour the world in quest of specimens, and to complete his monumental work, the *Pharmacographia*, in collaboration with Fluckiger. It is largely by this masterpiece that present-day scientists are familiar with his work.

He died in 1875. In his memory the Hanbury Medal is awarded

Daniel Hanbury
(1825 — 1875)

Features
Advertisements

We The People---Squawk

Sept. 22: School begins—ho hum—and it seems only yesterday that we were tossed out of Miss Cole's Class The Freshmen arrive. New Coeds ah AH AH-CHOO! (Gasundheit, guess I'm catching cold) *Sept. 23:* Book store opens seniors do thriving business Dawson sells his entire set, claiming "they're as good as new; never been opened" We believe you, Dawson Bumper crop of new editions appear Thoroughly extracted (tuition, books, fees, etc., etc.), we get our schedules Phooey!

and to think we waited three years for this *Sept. 24:* Accidents! Pearlman lifts his leg too high and steps on two freshmen, Something has got to be done about this New assistant in Pharmacy!

Oh boy oh boy, oh boy Thump, thump (be still, my heart!) . . . Myers announces the opening of nominations by throwing his hat in the ring (Agent N-10 reports that Myers hasn't even bothered to take his hat out of the ring for the last 3 years) . The race is on! A nose count reveals only one senior who isn't running for office Mud-slinging commences Myers accused of "wolfing" on his friends' dates Tompakov used "loaded" balls in last year's tennis tournament Kellough is secretly in the pay of the Cumberland Fire Department *Sept. 25:* Usual crowd found in the poolroom The A. Z. O.'s make known their intentions of holding their future meetings there *Sept. 27:* Dr. Bryan initiates Juniors into the art of catching "bugs" Students get the needle both ways *Sept. 30:* Juniors complain of their instructions in advanced mathematics as they are taught how to do decimal problems (Wait 'till they get alligation

(Darn! I still don't know how to spell that word) . *Oct. 2:* In school almost two weeks and yet no news of the elections Who cares about elections when we've all got our fortunes bet on the World Series??? *Oct. 3:* Fish is bad boy in bookkeeping lecture Miss Cole asks him to sit on "page 125" (I think all of us would like to sit on Olsen) *Oct. 4:* Dean DuMez gives class the first "calling down" of the year (For three years we've been the noisiest class in school—we can't go back on that record)

Oct. 5: Doc Andrews bounces five-gallon jug against the wall (P. S. It didn't bounce—26 points off your lab grade for bad technique, Doc) *Oct. 6:* Bang, boom, bam! Earthquake? No just Rip Miller *Oct. 9:* Junior Sid Fribush tries staining bacteriology lab floor with gentian violet not satisfied with results, he tries bismarck brown, but still he can't get it under the microscope *Oct. 10:* National politics is discussed Alliker starts betting again (Will he be a bookie or a pharmacist—or both?) *Oct. 11:* Big argument in phizz chem Kaminski claims the height of the stearic acid molecule is 0.00000000024 cm., and Rapaport d i s a g r e e s, saying it is 0.00000000026 cm. (Shhh! don't tell anyone, but they're both wrong; it's 0.00000000026 cm.) *Oct. 12:* Bioassay lab Enten's "pithed" frog injected with 2 cc. tincture of digitalis winks and hops happily away *Oct. 13:* Who put that bee-hive in bookkeeping lecture???? *Oct. 16:* Phys chem exam phys chem students attend only one class that day *Oct. 23:* Student Council posts dates of nominations for class officers political bosses get busy, fraternities get into a huddle, and there's that man Myers again!! *Oct. 24:* P. T. A. exam three pages long U. S. P.'s allowed If we copied the whole U. S. P., we still couldn't pass

Bioassay lab—Hoffman starts looking for the carotid artery in the cat and comes out at the axilla tsk, tsk, and he's al-

ready had pre-med zoo Dr. Thompson gives exam can leave room, use books, and he'll answer any questions except those on the exam (P. S. and still we flunk) Dawson has books with the answers, but doesn't know where to look

Oct. 25: Merkel titrates distilled water in P. T. A. with startling results P.T.A. exams returned our stock hits an all-time low with a big 47 *Oct. 30:* Juniors inject mouse with gas-gangrene Wonder who that soft-hearted guy was who wouldn't stick the mouse because "he already looked like a pin cushion" *Nov. 1:* Students still working on epinephrine assays Those X!?* blood clots Dr. Thompson consoles us by saying that the assay can be run in a half-hour We've only been working on it three weeks so far *Nov. 2:* Nominations are held!!!!! Kellough, Fish and Myers are candidates something fishy about the whole thing, but we innocent students don't know *Nov. 3:* Alliker starts some strenuous campaigning For three weeks afterward the A. Z. O.'s had nothing to do with the Phi Alphas Tsk, tsk *Nov. 4:* Recount made on nominations Tompakov's name substituted for Myers' . . . .Myers avows that this is the last time he'll run for president (he hopes) . . . *Nov. 4:* Miller comes in late in bioassay lab (who doesn't) guinea pigs have already been injected with aconite Miller picks up some brown objects near the pigs to examine them, and much to his surprise finds that they are not marbles *Nov. 6:* Campaigning still going strong Karpa starts giving out cigarettes Purdum takes five *Nov. 10:* Absentee roll posted Rapoport has two and a half cuts in physiological chem darn shame he doesn't take the course *Nov. 12:* We assay ergot on the rooster veteran rooster, subject of many assays, dies after staring Bliden

Junior Dance

in the eye Extra! Extra! Dawson finds an egg under a rooster during the assay (Migosh, does ergot do that, too?)

Nov. 13: Straw vote between Fish and Tompakov completed Tompakov drops out and mumbles that Karpa had too many cigarettes *Nov. 16:* Rapoport swings it to the tune of one broken psychrometer (PRICE $25.00) and we thought Miller was tough on our breakage fee *Nov. 17:* Ah, the mixer Bob Craig swings high, but some of the boys are high before the dance begins eats are served The coffee seems to do the boys some good Edlavitch hasn't found out yet that a harlequin block is supposed to be eaten with a spoon *Nov. 18:* Boys, that St. Louis survey is here again!!!! *Nov. 19:* Election day! For the presidency of the senior class, Kellough wins (Fish claims Dawson put fire-crackers in Karpa's cigarettes) *Nov. 20:* Ultimatum to loating manufacturing students issued by Dictator Moskey Ye old ultimatum consists of a demerit system for those who merit demerits Some stuff!! Crane receives 2500 demerits the first day for unnecessary loitering in manufacturing lab but then, consider the attraction *Nov. 24:* Practical pharmacy lecture given in model drug store Brune tries to swipe some adhesive tape, but is disappointed to find that all the boxes are dummies (the dummy!) *Nov. 25:* Smith underestimates his strength and taps a Beckmann thermometer in 4,557 4-7 pieces Take it easy, boys, I don't want to have to pay for a new school.. *Nov. 26-27:* Thanksgiving holiday. Hurray! (And thank God, nothing to write in this space.) *Nov. 30:* Juniors hear the story from Doc Bryan a divorce case was won on a pair of pajamas Doc Bryan get his jokes out of history books BUT STILL NO KUMCHUCK!! Students Auxilary holds election a grand hodge-podge.. Fish and Alliker are at it again Gakenheimer acts as auctioneer Mouat elected president *Dec. 2:* In phys chem lab Alperstein finds a piece of ice in his pocket (Heat of reaction ruins experiment) *Dec. 3:* We try assaying pituitary on the guinea pig uterus Ehrlin smokes the kymograph paper and comes back looking like a mammy singer Results — zero Ho hum! Well, at least we have until the end of the year to complete the experiment woe be unto the innocent guinea pigs *Dec. 4:* Humming in Miss Cole's lecture develops into real harmony *Dec. 7:* P. T. A. exam no U. S. P.'s this time so what? Do they think we can't flunk without the U. S. P.?. *Dec. 8:* Dr. Thompson tells class that manganese in the diet is often responsible for motherly love class conspires to put a little in Miss Cole's lunch *Dec. 9:* Class visits the Pittsburgh plate glass display at the Southern Hotel Displays are in miniature and the glass once placed in position is no longer detachable (too bad, Dawson) We learn how glass is made so we may be good pharmacists, and take along literature to study for the final exam in practical pharmacy. *Dec. 10:* In bioassay lab we still run the assay of pituitary Hoffman tries to adjust the tissue between the hooks and suspends half his finger along with the tissue Ah, success! we get 100% results (after bribing Bill Hunt with hand-made canulas) *Dec. 11:* Class choir meets again in bookkeeping lecture Bliden conducting Miss Cole asks names of colored preparations often taken internally. .Purdum replies "orange gin". (P. S. Purdum did not attend the rest of the lecture) *Dec. 14:* Date of Junior dance announced Rumors circulate that seniors will be invited (You know, we always did like that Junior class) *Dec. 15:* In manufacturing lab deah ol' Rip ("at it again") Miller starts playing with an elastic rubber tubing on the compressed air jet The tubing swells up like a balloon He lets go, then tries again this time the tubing reaches vast proportions In walks Dr. Andrews Blooey! goes the

Mixer

rubber tubing Aftermath – says Rip Miller in a falsetto, "I didn't know whether to let go or to hold on." *Dec. 16:* We are told of the pleasant surprise in store for us three bookkeeping lectures this week Oh life, where is thy sting? *Dec. 17:* Sol Winn plays ping pong with expensive apparatus in phizz chem but there wasn't a net net cost, $15.00 Profit — "experience" There goes the rest of my breakage fee *Dec. 18:* No bioassay this morning Ho hum, we sleep 'till 11 o'clock *Dec. 19:* Can't wait until 5 o'clock then we're off for the Christmas holidays (but we have a feeling Santa Claus isn't going to treat us so nicely—phys chem exam and two bookkeeping papers due after the holidays) *Jan. 4:* Happy New Year! Hic! (Scuse plizz) *Jan. 5:* Class reprimanded again . . (But Dr. DuMez, you ought to see us in Miss Cole's lecture!) *Jan. 6:* Tompakov filters molecules in quiz and with just a plain filter *Jan. 7:* Phys chem exam Who is this guy Van der Waal anyhow? I wonder when this course begins to clear up???? *Jan. 11:* Dr. Hartung explains viscosity Purdum claims he's putting it on too thick *Jan. 12:* Boom the foundation rocks this time Don't tell us, we know

'Twas in a little chem research lab
Rip "Bombshell" Miller forgets his freshman chemistry and tries heating H_2SO_4 with $KClO_3$ (or at least the results were the same) Insurance companies cancel Rip's insurance Next year he intends to work for a wrecking crew *Jan. 13:* Hoffman places a 50 cc. pipette (full of H_2O) in Rabinowitz's pocket Rabinowitz thought at first he drank too much tea during lunch *Jan. 14:* Unknowns given out in P. T. A. lab students get together . . The general password becomes "linseed or cottonseed oil?" *Jan. 15:* Dawson brings enlightening literature to bookkeeping lecture Alliker and Beck are still reading when

the bell rings *Jan. 18:* Pre-exam reviews are given Migosh, only one more week!! Why did I put off studying so long???? *Jan. 19:* Dr. Vanden Bosche puts on speed to finish subject matter for exam cathode rays X-rays beta rays gamma rays Hoo-rays!—he finishes *Jan. 20:* We hear that solemn warning again, "Remember the profit and loss statement" class hums a dirge *Jan. 21:* We wonder what to study for manufacturing pharmacy But how about practical pharmacy???? Do we have to memorize those formulas???? No, boys, just remember how Carrara glass is made *Jan. 23:* Students rack their brains to get valuable last minute information (My, my, my—these boys who cram!) *Jan. 25:* Exams begin and so do our worries. P. T. A. exam is two pages Whew! physical chem write a life-history of the following men (if only they were movie stars instead of mere chemists!) Bookkeeping Miss Cole offers valuable aid. What are the profits, boys???? Practical pharmacy What's Carrara glass it may be Carrara glass to you, but it's still a "pain" to me Manufacturing pharmacy What, no machines!. No, but who studied galenical pharmacy Bioassay We refuse to be quoted.

Second Semester

Feb. 1: First day of second semester new course Public health and hygiene Dr. Bryan is late Levin takes over lecture and the class in turn takes over Levin with none too pleasant results (for Levin) Trying to teach how to make triangular bandages Levin finds himself in a sling as the class ties him up "Rip" Miller comes to rescue. *Feb. 2:* Glee Clubs hums "Mm—mm—mm Would You Like to Take a Walk" as Dawson and Purdum play "bad boy" in Miss Cole's lecture Class has a regular coming out party as Dawson and Purdum both go out *Feb. 4:* Only one period 12 o'clock phys. chem. WHO ARRANGED THIS SCHEDULE ANYHOW? *Feb. 5:* Marks are given out we receive our envelopes and open them with our eyes closed gypped again only 5 A's *Feb. 8:* Dr. Bryan arrives on time, and lectures on types of tumors and cancers Says Dr. Bryan, "If you should have this type tumor and this type humor and this type etc. you'd have a mixo-fibro-andro-condro-carcinoma" a student in a weak voice replies—"If you do you'll clean it up too" Dr. Bryan replies "Correct, sir!" (*Ed. note:* Keep it clean, boys) *Feb. 9:* Beck and Einbinder make milk of magnesia in mfg. pharm. as Beck colors the product with nose bleed. *Feb. 11:* Bowling tournament under way. Fourth year class chalks up three "wins" as Phi Delta Chi does the same *Feb. 12:* Phys chem quiz section Golly days!. Won't this stuff ever clear up We're more in a muddle than ever Dr. Vanden Bosche teaches us logs in three easy lessons. (They laughed when we said we could do logarithums) *Feb. 15:* Junior Dance Whoopee! even Russell enjoyed himself Rudy Killian furnishes the music with a scintillating swing (Ha-cha) Alperstein tells Hoffman to assemble crowd

Frosh-Soph Dance

Prom Committee

Mixer Committee

Phi-Alph Cut-Ups

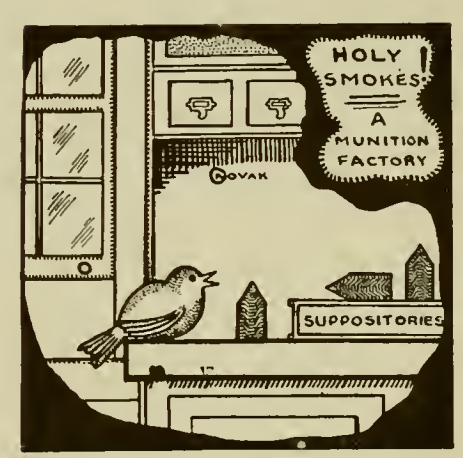
for picture With the crowd's kind indulgence the picture is posed for and everyone gets ready for the flash Something goes wrong Did Alperstein spit in the powder? the photographer sweats Poof! picture taken dancers are blind nope, photographer missed Hoffman again assembles crowd

Hurray! picture taken, photographer satisfied We decide to eat after the dance Where to go we don't know "Meetcha on the corner of Park and Center and decide where to go" someone says Eighty-two cars cause traffic jam

Mindel plays hide and go seek—"Where's Raven? We eat go home and hit the hay Ho hum! *Feb. 16:* Guest lecturer in practical pharmacy speaks on the history of perfumes (Levy asks "What makes lipstick kissproof? Maybe you use the wrong technic, Levy) *Feb. 17:* Phys chem one-third of the class absent tsk, tsk this night life is not for college students *Feb. 22:* Washington's Birthday

Hurrah for George *Feb. 23:* Dr. Wolf talking of colds says, "Everytime I sneeze, it just jars me." (Hell, I can't comment on everything.) *Feb. 24:* Glee Club chooses a theme song "Sweet Violets, Sweeter Than All the Roses." *Feb. 25:* Senior bowling team keeps up record—leads league after beating Phi Delta Chi's 2 to 1 (Too bad Cermak didn't bet on the games.) *Feb. 26:* Group pictures taken for Terra Mariae (Alperstein tears his hair as he worries about finding a suitable place to take pictures, let alone finding people who'll have their pictures taken (Some school spirit I'll say!) *Mar. 1:* Dr. Bryan goes off on "conditioning" spree and bounces Miller out this time Purdum really "did it"

Mar. 2: Dr. Wolf forgets to come to lecture pract pharm. (imagine the disappointment of the students) *Mar. 3:* Miss Cole builds herself a "Pretty Dam Boy" My! My! Miss Cole such language *Mar. 4:* Phys chem exam *Mar. 5:* Myers and Dawson bury the hatchet in each other's skull *Mar. 8:* Guest lecturer in public health and hygiene Dr. Shultz *Mar. 9:* Rapoport tells Dr. Vanden Bosche how to run an "unsuccessful" grocery store with $50,000 per year net sales Dr. Vanden Bosche wants to give up chemistry and buy the business *Mar. 10:* Indoor Baseball League started Seniors can't wait 'til they meet the faculty (Easy boys there are only a few more weeks of school) *Mar. 11:* Phys chem exam papers returned If all our marks were added together we still wouldn't have



a passing grade *Mar. 12:* Miss Cole tells us calmly "An outline of the Md. Pharm. laws will be due right after the holidays" (That woman certainly has a knack of making holidays pleasant for the students) Glee Club goes into action again *Mar. 15:* Another guest lecturer in public health and hygiene Dr. Riley of the State Health Dept. (Who likes guest lecturers anyhow?) Doc Bryan teaches class how to make "spiral reverse" bandages We all look like mummies (dummies would be more like it) *Mar. 16:* Dr. Vanden Bosche announces another exam after the holidays (Oh why, oh why, did we bless ourselves with phys chem?) *Mar. 17:* Class goes on a rampage in *manufact. pharm.* lecture with Doc Andrews lecturing Glee Club decides to give Doc Andrews an audition but gets the "gong"

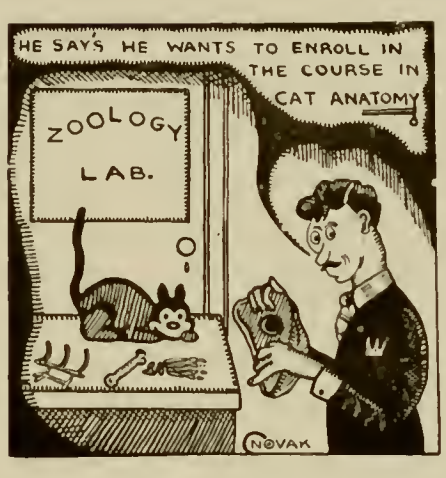
Mar. 18 to 23: Easter Holidays Yippee *Mar. 24:* Well boys, have you done your outlines for Miss Cole yet? What outlines? (My, what holidays do to one?) *Mar. 25:* Wachsman winds up behind the "8" ball in more ways than one *Mar. 26:* Staff of Terra Mariae has picture taken *Apr. 5:* Freshman-Soph Dance Shades of John Bauer looki the crashers Appears more like an Alumni-Students convention s o p h s yearn for the good old days when dances were formal and crashers were hung and quartered a truly communistic dance

you bring the date I dance with her

you take her home (Some fun)

Edlavitch goes on a tear (Its wunnerful what $.50 will buy these days hic!)

Hoffman per request (his own) attempts to sing (Boys, how can you be so croo-el) swell time had by all voted best dance of year Rho Chi meets and selects candidates (who said chivalry is dead) Congrats Class plays "Shoes, shoes who has got the shoes" when Bryan removes his shoes for a first-aid demonstration At 6 o'clock Bryan had found one (P. S. The guy



who was helping you find them could have taken them from the place he hid them much sooner, Doc) Pharmacy-Dental Convention held in Room 31 when three classes appear as per schedule

Starkey appears peeved at Miss Cole's insistance (P.S. B. Olive was wrong)

Phys chem exam again same one a couple more times and we may pass

(if you add the marks together)

Bill Hunt sends Doc Shulman a birthday card some card (Shulman asks for the original, Bill). *Apr. 6:* Another phys chem exam another flunk exam and flunk are becoming synonymous in that course. *Apr. 7:* Miss Cole starts on Fed. Narcotic Laws and warms up on the subject of dopes (no offense meant, boys)

Apr. 8: Zoology studes receive frog practical new instructor seems to be "a good-thinker-upper-of-tough-questions"

Damico builds himself a synthetic frog *Apr. 9:* Miss Cole receives a belated easter gift—a rat What rat did that? we "ain't talking" *Apr. 12:* Those rumors about one little freshman brunette and one (also little) cherubic senior certainly must have a bit of truth in them. Not to mention names (absolutely not) but when these two love birds (?) met face to face this morning in front of

school, three automobiles stopped thinking Rap's face was a red light. (Printer's note—we forgot to forget the name—we're sorry—please don't sue) *Apr. 14:* Is that a mosquito bite (so early in the season) on Bernice Nurkin's eye brow or did you use lipstick for eyebrow pencil?—you must have been reading *Vogue* again Bernice *Apr. 15:* Miss Cole pulls big bluff by threatening to walk out on class Beck almost opens door for her—but she won't go for a walk *Apr. 16:* Extra—Extra—Good-boy (teacher's pet) Wiener gets his walking papers from classroom along with cohorts Winn and Zenitz Wiener burns up and class yells "Hot Dog!" (joke) (Ed. note: Phooey) *Apr. 19:* Dr. Bryan threatens class to expect an examination methinks we've heard those rumors before *Apr. 20:* Purdum plays pranks with itching powder in law lecture Hanna becomes innocent victim and thinks there is something else in his clothes besides himself. "It's the work of a louse," he exclaims—you mean lice, Mel and such language from an ardent church member tsk tsk *Apr. 21:* Summer is definitely here—the windows are getting their annual bath *Apr. 26:* Miss Keyes gets an impromptu Sat. nite bath on Mon. morning when her Bunsen burner plays tricks and gives forth water instead of gas my, my, Miss Keyes, you should know water doesn't burn *Apr. 27:* More ado about prom—committee men come after students general exodus to pawn shops begin applications flood finance companies *Apr. 29:* Dr. V. B. breaks loose with a wise crack—"if more students had a little more fore-sight than hind-sight, they'd be a darn sight better off." we'll 'sight' that to our children (cheer up the jokes get worse as we go on) *Apr. 30:* Phys chem quiz section—Alperstein misses first two out of a possible three guesses says Dr. V. B.—"I told you, you knew how to work it." Says Rube, "Yeh, I just didn't want to show you how." *May 3:* Class visits Esskay. We're offered a meal. Bliden refuses saying—"Phooey!—Show me a kosher stamp first." *May 4:* Miss Cole reading names of drugs mentions "Balsam of Pee-roo"—we'd like to hear her pronounce Ipecacuanha *May 5:* These phys chem experiments—it takes two people 4 hours to do one experiment in physiological chem it takes 45 students 15 minutes to do no experiment Take heed you juniors *May 6:* Only 18 more cramming days till exams *May 10:* Dr. Hartung lectures while Miss Gittinger sleeps on aw, it really isn't that bad, Miss Gittinger. *May 12:* Doc Andrews receives another serenade from Glee Club, says Doc Andrews, "Have your fun today, but on graduation day, there will be weeping, gnashing of teeth, tearing of hair, and burning of diplomas; and I'll be there to poke up the fire." (some fun) *May 16:* Doc Andrews warns class of past behavior and reiterates that stuff about "poking up the fire." My gosh, doc, we were only kidding! *May 18:* Fish arguing again—my gawsh—doesn't that guy believe anybody except Fish *May 19:* Prom committee issues ultimatum pay up or else stay home *May 20:* FINAL EXAMS NUFF SAID *June 1:* The Prom ah AH AH-CHOO (it was a cold) *June 5:* Commencement and with deep regrets we say so long.

THE DAILY GRIND

CIRCULATION: RAPIDLY DIMINISHING Yearly Subscription was $2.30, Now $2.50

SCOOP! EYEWITNESSES TO NAPOLEON'S DOWNFALL INTERVIEWED

LATEST NEWS FROM WATERLOO

(NOTE: The great battle of Waterloo, wherein Wellington and Blucher defeated Napoleon and Ney, marked the end of the First Empire in France. While the event is still fresh in the minds of our readers, we are publishing interviews of distinguished eyewitnesses to the battle.)

Viscount Calomel Q. Wolf: In all my years of experience, I never saw such poor technique as Napoleon used. Why, he rolled his men into battalions without using a drop of excipient. And then he wondered why they fell apart. My father used to tell me that even he himself could not roll more than 876 pills from 1 grain HgI with a tiny drop of honey. So what could Napoleon expect?

Chief Bomber Z. Z. Miller: It was a pretty good fight on the whole, but the cannon did not do enough damage. Say, give me a battle of phytolacca, and I'll show you some real casualities. Another thing, his guns were not noisy enough to suit me. If Wellington had followed my advice, he could leave tripled their noise. Why just with a flash of $SO_{\bar{n}}$ I can make an explosion loud enough to shake a building. Oh boy, I can't wait until the next war. I'll show 'em a thing or three. (Ed: Or maybe more.)

Corporal Andrews: The encounter was a distinct success for Wellington. All of his orders were properly typed and wrapped. His men had clean uniforms, too. But I saw several specks of mud on the hooves of some of Napoleon's horses. I gave him 66.8 demerits. He became so discouraged that it is no wonder he lost. That shows where neatness helps on the outside.

(Continued on Page 120)

SCIENTISTS PERFECT NEW ASSAY FOR DIGITALIS

BRUNE - HANNA

SIX WEEKS RAT METHOD OF ASSAYING DIGITALIS PREPARATIONS

TEST OBJECTS

(1) Purdum
(2) Dawson
(3) Hoffman
(4) Alliker et al.

In addition to giving reliable protency determinations for preparations of Digitalis, the assay could be utilized to rid the world of these pests and be of service to mankind.

Procedure

Take the test object and rap it twice on the head with an iron bar to abolish the cerebro-spinal axis. Then cut down between the Picadilly collar (rat no. 1) and inject 10,000 cc. of the standard macerate in between the gills. Note all results. Test object should croak in two minutes; if this does not happen, give test object another rap on the head with iron bar. (Editor's note, I think he'll croak now, don't you?) However, if he still refuses to go to the happy hunting ground with these small doses let him have it with a machine gun. Then take the unknown and dump it down the drain.

HAHN & HAHN

"SAY IT WITH FLOWERS"

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VErnon 1949

PERSONALS

Dear Bessie:
Please come back all is forgiven.
B. Kobin

* * * *

Leroy (Bull) Dawson:
Our air-line clogged. Come at once.
Hot Air Balloon Co.

* * * *

Dear Doc Bryan:
Your very graphic demonstration of a new use for our product has opened an entirely new field for us. Since you are undoubtedly the best qualified man for this type of work, will you consider investigating it more completely for us?
Old Mule Chewing Tobacco Co.

* * * *

Dr. DuMez:
Are you having difficulty obtaining new teachers that are sufficiently hard-boiled and tough? Are any members of the present faculty slipping? Do they ever smile, or speak to a student, or pass one? Do not be discouraged. Just write us. We have the largest collection of rogues obtainable.
Kosikowski, Neutze, Santoni, Turner Inc.

* * * *

Do you feel as if you were being taken for a dizzy ride on a Soxhlet extractor? Do you have tachycardia, adiposito-purpurea, cancer or headache? Do you seem to be looking into the wrong end of a polarimeter? If so, don't worry, Purdum's that way too.

WATERLOO NEWS!!!

(Continued from page 119)

Baron Kekule von Starkey: Waterloo was quite an unusual battle. It looked like it was all Napoleon's until Blucher brought up his surprise attack. I have been using the surprise attack technique in my classes for quite some time, and I too get splendid results from it, the mortality rate averaging about 5.8 per cent. But that swagger of Napoleon's: I would give a pound of cinnamyl acetate to have it. Think of the effect on the class!

Archduke Marvin R. Ergotrate: This battle was of the greatest clinical significance. As you know, there are two sources of militia, exogenous and endogenous. Wellington, by careful control of the pH, was able to make these supplement each other, thus inhibiting the action of artillerin, which, of course, allowed the fusiliers to act. These, in conjunction with bayonet ions led to a speedy precipitation in the French ranks, which were dispersed in short order. Thus Napoleon fell, simply by overlooking the zwitzer ion theory.

Countess Messalina Keyes: I could not get a very good seat at the battle. A bunch of silly fools kept getting in my way, rid-

(Continued on Page 131)

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TO THE FACULTY

One day in paradise
Two Maryland profs serenely strolled,
Along the amber wall that lies
Beside the street of gold.

At last they met and gazed
Into each other's eyes,
Then dropped their harps amazed
And stood in mute surprise.

And other angels came
And as they lingered near,
Heard both profs at once exclaim
"How in 'ell did you get here?"

Have it on Hand

A Soothing Ointment
For the Relief of
Eczema Itching — Chapping
Minor Burns — Chafing
Ivy Poison — Sunburn
Dandruff Scales
Bites and Stings of Insects
Especially recommended to relieve rectal or vulvar itching and irritations.
Promotes Healing
Resinol

You all Know Him

Today we will take up the subject of dinsity and pacific gravity. O'course, due to that fact that dinsity and pacific gravity are important in chimistry as well as in physics, I will illistrate more thoroughly, and you kin look up the litater in the book. O'course, these are jist the questions mint for tests and examinations.

Legal Maxims Exemplified

"No one can be punished twice for the same fault." (Ed. note—That's why Bacteriology and Economics are given for only one semester instead of two.)

"A thing void from the beginning cannot be made valid by subsequent acts." (Ed. note—Physics, for example.)

"No one is punished for his thoughts." (Ed. note—Moskey has no legal case agains the Senior Class.)

"No one is bound to do what is impossible." (Ed. note—Yeah, and you expect the class to stay awake during a Law lecture.)

"An act done by me against my will is not my act." (Ed. note—The Senior Class will never be charged with having handed in Economics and Law homework assignments.)

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SOAP
NOVAK
AFTER YOU'VE PLUGGED FOR "BOARD" EXAMS —
AT LAST YOU ARE REGISTERED —
YOU LAND A GOOD POSITION
PHARMACY
BUY YOURSELF A SNAPPY JACKET —
YOU'RE READY FOR A DIFFICULT ℞
ESCRIPTIONS
THEN YOUR FIRST CUSTOMER MAKES A REQUEST LIKE THIS —
I'D LIKE A 3¢ STAMP
3/17/37
℞
Notes on Pharmacy Lecture
Todays lectures deal with tinctures.
Tinctures are alcoholic or hydroalcoholic solutions of non — —
Bernie, who are you taking to the mixture? She's sweet!
Extract of
Star of Midnight
Laudanum - 100 cc of tincture yields not more than 1.05 Gm and not less than .95 Gm of anhydrous morphine.
LOVE IN BLOOM
B.H.
A.C
Do you know Sally Dickens? Call FOR 6589 after 6 P.M.
I love a lassie — she's cockeyed but she's classy
Tinctures are of such strength that 10cc of solution represents 10 Gm. of drug
MIXER - NOV. 17
3 MORE DAYS
24
3
72 more hours
60
4320 more minutes
60
259200 more seconds and I'll have Ruth in my arms
Similarities
Scherr
Schumm
Thus we finish tinctures - Tuesday we will take up extracts.
EVERY TIME I FIND A TUBERCULOSED LUNG, I THINK OF YOU — DR. BRIAN
NOVAK 36'
STOCK ROOM
S'H MORE ALCOHOL FER TINSHURES, N' EXSTRACTSH

MID-YEAR MANUFACTURING PHARMACY EXAM

I (a) What is the difference between the graduated lugs on the disintegrator mill, and an alumnus?

(b) For what sea-food is Baltimore most famous?

(c) Who perfected the bolt arrangement on the 18th wheel on the left hand side of the 11th cross-pipe of the Lloyds extractor? Why?

(d) Name 1 instructor who understands all that talk abou alcohol expansion in a tank car.

II (a) If 33 gm. of cascara sagrada is boiled with 66 gm. of tr. arnica and the mixture diluted to a liter and filtered, what would you do with the filter paper?

(b) Give 29 reasons why a pot mill is not suitable for grinding fluidextract of hyoscyamus.

III Reproduce page 119 of the U. S. P. XI.

IV Summarize in 100 words your notes for this semester. (No pictures.)

V Explain in detail the operation of an N. Y. A. student giving manufacturer, price, height, weight, color, odor, taste, and function.

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MILLER DA STUDENT

Miller da student isa greata for smash---
(He gotta da bigga da black moustache);
When evra Miller isa walk upa da aisle,
He knocka things over in a greata big pile.

He carry da bigga da blacka bag
Dat causa his shoulders to sinka and sag;
When evra Miller isa walk down da street
You can't tella da bag from one of his feet.

Now Miller's a gooda man in chemistry lab,
Hesa work by heemself witha no one to gab;
His stuff isa stretcha acrossa da room,
And dat isa why hesa keepa da broom.

When evra you hear da boom or da crash,
You looka for Miller to sweep up da trash;
You giva to him da bigga wide berth
Or it gonna costa more than you're worth.

Onea fine morn in C.M.P. he stalka,
And nota looka where he walka:
Da bag is go up, da soxhlet is done,
And now poor Miller musta pay for his fun.

And when ina pharmacology lab
He isa look for a cat to nab,
Da cats they all run, but itsa no use,
For Man-Mountain Miller is ona da loose.

He grabba da neck, he grabba da paw,
For da cat is a try to bite and to claw.
He giva da ether reala da quick,
Before he maka da students all sick.

He grabba da probe, he grabba da knife:
Da poor little cat isa fear for his life,
When Miller begins a to cut and to tear
Da femoral veina to laya all bare.

And it is nota long before da cat willa pass
Into da next world from too mucha da gas;
And da Miller is looka and wonder why
Such a strong little cat woulda hava to die.

Hesa always come late to da pharmacy class,
And when upa da aisle heesa try to pass,
He swinga da arm and hitta da chin,
While da blacka da bag isa knocka da shin.

Da students get hit and feela real mad,
Which maka poor Miller feel very bad;
Itsa not a his fault if heesa dat way,
So letsa forgive him, whaddya say?

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IF I COULD ONLY

Aaronson—Find a mate.

Cohen—Make a hit with a certain miss.

Colvin—Grow a mustache like Handlebar Hank's.

Edlavitch—Sleep the night before an exam.

Floyd—Park Dr. Bryan's car.

Gakenheimer—Make a date with Miss Parker.

Galley—Get a job in Solomon's Drug Store.

Giller—Eat and be thin.

Heyman—Love and be loved.

Hopkins—Fight Joe Louis.

Kelly—Give Gakenheimer competition.

Levin—Work math problems without formulas.

Loftus—Rest in the arms of Morpheus forever and ever.

Matelis—Be a bouncer in a night club.

Mendelsohn—Locate my black wallet.

Morganstern—Wrap a powder without taking it home over the weekend.

Oleszezuk—Walk to school and save my car fare.

Richman—Be on time for a lecture.

Rosenburg—Go to law school.

Sussman—Get my hair to grow.

Thompson—Enter a room without stooping.

Waxman—Get a preparation checked in Pharm. lab the first time I hand it in.

Zetlin—Be captain in Pharm. lab the entire semester.

HOW YOU LOOK AT IT

The chemist was in a bad temper. He had told his assistant to have a new sign painted outside the shop, and when he saw it he was furious.

"You're a fool!" he raved.

"But the sign is beautifully done," said the assistant puzzled.

"It may be," snapped the chemist. "But who's going to rely on us when our sign reads, 'In making up our prescriptions we dispense with care'."—*Toronto Globe.*

STRICTLY GERM-PROOF

The Antiseptic Baby and the Prophylactic Pup

Were playing in the garden when the Bunny gamboled up;

They looked upon the Creature with a loathing undisguised;—

It wasn't Disinfected and it wasn't Sterilized.

They said it was a Microbe and a Hotbed of Disease;

They steamed it in a vapor of a thousand-odd degrees;

They froze it in a freezer that was cold as Banished Hope

And washed it in permanganate with carbolated soap.

In sulfurreted hydrogen they steeped its wiggly ears;

They trimmed its frisky whiskers with a pair of hard-boiled shears;

They donned their rubber mittens and they took it by the hand

And 'lected it a member of the Fumigated Band.

There's not a Micrococcus in the garden where they play;

They bathe in pure iodoform a dozen times a day;

And each imbibes his rations from a Hygienic Cup—

The Bunny and the Baby and he Prophylactic Pup.

—Arthur Guiterman

Compliments of

JAMES BAILY & SON

WHOLESALE and IMPORTING DRUGGISTS

28 SOUTH HANOVER STREET

Established 1865 Baltimore, Md.

LITTLE-KNOWN PHARMACEUTICAL FACTS

As if to disprove the contention that pharmacy does not maintain sufficiently high academic standards there have been several distinguished literary men who either practiced or were trained for the profession of pharmacy. Dante, for instance, the Italian epic poet, lived and died a pharmacist. So too was John Keats, aptly described as "next" to Khayyam, who was not an Englishman, the greatest of English poets." Ibsen, also was a pharmacist. In America, there was the great O. Henry, throughout whose writings one finds frequent traces of his early pharmaceutical training.

It is a far cry from O. Henry to the court of Augustus in ancient Rome. The cosmetics, which were used in O. Henry's time, however, were in equal demand under the great emperor. But of all conceivable substances, the court ladies used castor oil as a cosmetic. Earlier still, antimony salts were employed as mascara by the ancient Egyptians.

In Egypt, however, sugar was fairly common, while in Europe, even as late as the fourteenth century, sugar was used only as a medicine, just as were salt and spices. Strange to say, probably because of its scarcity, the malodorous asafetida was highly regarded as perfume.

Coming back to America, we find a number of things of great interest. Thomas Jefferson, for instance, was a staunch advocate of vaccination for smallpox, even though in Boston, at the same time, physicians were mobbed for advising the same treatment. And then, too, Abraham Lincoln wrote a considerable part of his greatest speech, the Gettysburg Address, while sitting in a drug store.

In this country, also, is the world's largest drug store. But it doesn't make a cent. It has over $100,000 in stock on hand at all times and carries over 15,000 items. It is on Welfare Island, New York City, and from it go drugs to all free hospitals and dispensaries in the city, as well as to various city departments.

While the United States has the largest drug store in the world, it also possesses a city of over 6,000 population which does not have a single drug store. This is Zion City, Illinois.

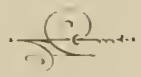
France, it would seem, honors its outstanding pharmacists better than we do. A bronze statue is erected there to Pelletier and Caventou, the co-discoverers of quinine.

In England, enough arsenic is produced daily in the tin mines of Cornwall to poison the entire population of New York.

In America again, we find that crude drugs grow wild and abundantly. David Shoepf, a Hessian soldier fighting in the American Revolution, found in forests twenty native Indian herbs which are

(Continued on Page 135)

An Open Letter to the Graduates



Graduates of the School of Pharmacy,

University of Maryland.

Dear Gentlemen:

For the last four years have the principles of pharmacy, the technique of pharmaceutical manufacture and compounding, the laws regulating your practice and the ethics regulating yourselves been set before you and instilled into your minds.

One word more, while you are yet students: and coming, as it does, at the end of your student life, place it in the fore in your professional career. It simple is: DO NOT SUBSTITUTE.

SUBSTITUTION, an arch-enemy of pharmacy ever since the works of the apothecary became an art, has forestalled on every hand the efforts of science, of the physician and of the multitude of workers engaged in allaying disease. With the rise of highly specialized medicines whose action are determined by the highest degree of purity and accuracy of manufacture; this evil is more malevolent today than ever before. Upon you depends whether or not the pharmacist and his art will be swallowed up by it.

Heed the appeal of the public, of the physician and of the manufacturer: DO NOT SUBSTITUTE. Be assured that your future success in serving mankind and earning your livelihood depends more now than ever on your accession to this plea.

We hold the merits of our products to be such that any degree of substitution will by no means prove advantageous, but definitely deleterious to the efforts of the physician and the capacity of the medicines you compound and dispense in aiding the recovery of the sick and prolonging the life of mankind to th extent that is humanly possible.

Sincerely yours,

Hynson, Westcott & Dunning, Inc.

Standard Pharmaceutical Corp.

Emerson Drug Company

Burrough Bros. Mfg. Co.

Hoffmann-La Roche, Inc.

Schering & Glatz, Inc.

Sharp & Dohme

THE SOCIAL REVIEW

THE MIXER

The first and best-attended affair of the season was held on Nov. 17 at the Knights of Pythias Ballroom. The evening began with a reception at which the new students and their escorts were introduced to the faculty and their wives. Dancing to Bob Craig's music was followed by serving of refreshments and that in turn followed by more dancing.

DR. STONER

Dr. W. H. Stoner, Research Consultant of Burroughs, Wellcome and Co. spoke to the Students' Auxiliary on Nov. 18. He discussed recent pharmaceutical research and pointed out difficulties of determining valuable discoveries from the practical, therapeutic, and manufacturers standpoint. He also mentioned the numerous opportunities in research and experimentation for scientifically trained pharmacists.

JUNIOR DANCE

A beautiful night, a post-examination festive spirit, and the Senior Class made the Junior Dance on February 15 at the Cadoa a memorable occasion. Rudy Killian, his orchestra, and Edlavitch at the traps provided the music and helped make the dance the most successful affair in the history of the class.

DR. KIRBY

"Diseases of the Head" was the topic chosen by Dr. Frank J. Kirby, Director of Education for the Abbott Laboratories on his second visit to the school and at the third meeting of the Student's Auxiliary on March 8. In his talk, he showed that there were many remedial products available for the treatment of colds, hay fever, and eye diseases, but there was little demand for these products, due to the lack of information ob ainable by the laity concerning them.

He claimed that because of the new professional standing assumed by pharmacy and because of the pharmacist's close contact with the layman, the pharmacist can assume the responsibility of disseminating this information and bridge the gap between consumer and scientific laboratory. The lecture was concluded by a review of modern vitamin therapy.

THE FRESHMAN-SOPHOMORE DANCE

The hospitable atmosphere of the exclusive Longfellow Hotel put the Freshman-Sophomore Dance high on the year's social calendar on April 5. Two skilled entertainers — the nightingale-like voices of Sylvan Hoffman and Henry Golditch and several others filled in the intermission intervals of Rudy Killian's motivating rhythm. A sprinkling of faculty members and upper classmen helped put the shy freshmen at ease, and the haughty sophomores in their places . The sponsoring classes may well congratulate themselves on the success of the affair.

DR. STRASBURGER

The fourth meeting of the Student's Auxiliary on April 6 was addressed by Mr. Melville Strasburger, President of the Maryland Pharmaceutical Association. He emphasized the needs of organization among pharmacists to protect their own interests and those of the profession. He also listed recent legislation of benefit to pharmacy. In conclusion he urged students to become active in organization work.

THE PROM

The grand finale of the social season was enacted with the Senior Prom on June 1. A moonlit night, the perfumed odor of gay corsages, and soft music will linger long in the memories of the students.

SOUTHERN HOTEL

BALTIMORE, MD.

A HOTEL OF DISTINCTION

27 Years of

LOYAL SERVICE

for the Retail Druggist

Miller Drug Sundry Co.

105 WEST REDWOOD ST.

(Continued from Page 120)

ing up and down on horses, waving polo sticks. Imagine playing polo when a battle is scheduled for that afternoon! Oh, well, as I said to the Duchess of Smilch-Benzoin, it takes all kinds of people to make a world.

Burgomaster Machiavelli Z. Pittman: Due to the fact that Wellington did not understand the theory of post-posito-prandial-electro-magneto-carbination, I am very surprised that he won. Napoleon, on the other hand, knew a lot of physics, for I taught him everything I knew. I can't understand and how such an accomplished physicist could have been so big a fool.

Prince Montmorency Slama: I was just reading in Napoleon's life of Emil Ludwig about how Wellington beat Napoleon. That was great stuff. At the time of the battle, I was asleep. Every time a cannon went off I awoke with a start, thinking it was a sophomore throwing spitballs at me. But it was only Napoleon, so I went back to sleep again. By gum, I'll bet a bag of Fucus siliquosus to a D in pharmacognosy that Napoleon would rather have fought Wellington three times than to go picking flowers for me. Yessir, we lead 'em a tough life.

Marquis Polariscope Z. Dunker: Ah! what a battle! The humidity was just right, a little below 62.320197½%. The atmospheric pressure read 767.99999999 mm . The surface tension of the field was 36.7890675 dynes per cm., but the last figure is not significant. The area of the field was 8673.-66543765 sq. meters. Ah, what conditions! If only the great Victor Meyer could have been there. Zounds, if I had not dropped my condenser, I would have fought myself. But wait—alas, I forgot to read the field temperature. (Faints.)

Coun' Bacillus Bryan: It was an awful battle. Napoleon's horse had an ingrown tail, and the poor thing suffered terribly. Every time I tried to get near the poor animal to fix it, Napoleon said, "Scram," and pointed a flit gun at me. Alack; nobody understands me. But I did get some wonderful cultures from von Blucher's horse. Real anthrax. Now I want all of you to come up to the laboratory and gargle some of it, so we can accumulate some data.

Princess Belinda Cole: I did not get all the figures on the campaign, you might say, but in comparison with those of the St. Louis Survey, you might say, they are very interesting, you might say. Napoleon did not credit the debit side of the cash account for a purchase just sold in the debit side to the credit of the ledger in the credit side of the debit page of the journal, you might say. But his assets and liabilities tallied pretty much in accordance with the Harvard Business Foundation reports. So I guess he did the best he could, you might say, the poor man.

(Editor's Note: You might say—and I do say—ENOUGH!)

Compliments of

Maryland Institute of Wine and Spirit Distributors, Inc.

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Fidelity Wine & Liquor Co.

Globe Distributing Co.

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Laboratory Coats — *"Our Specialty"*

Compliments of

The Howard Drug & Medicine Co.

WHOLESALE DRUGGISTS

101 Cheapside St. Baltimore, Md.

Baltimore Towel Supply & Laundry Company

107-109 SOUTH CHARLES STREET

Towel Service

Coats — Table Linens — Aprons

We Specialize in Supplying Towels, Coats, Dresses for Physicians, Dentists, Pharmacists

DIGITELLUS

(A GLUCOSIDE OF DIGIKNOW)

DO YOU REMEMBER

About the time when

I. Poke weed came up from the cellar, and half the school went down.

II. The Dean called the second year roll and lectured third year pharmacy to the fourth year class.

III. Dr. Vanden Bosche ignited a balloon inflated with hydrogen and oxygen, which nearly blew the four walls apart.

IV. Dr. Pittman attempted to draw on the blackboard a simple machine with a mechanical advantage of nine.

IV. Dr. Slama advised washing a croton bean down with four quarts of milk gotten at "Mom's." (Sol paid for the advertisement.)

VI. Dr. Bryan cut the heart out of a whale and threw it into the sea, causing the tide to rise and fall with each beat.

COMPLIMENTS OF

John F. Hancock & Sons

MANUFACTURING PHARMACISTS

Established 1854

BALTIMORE MARYLAND

WHO'S WHAT

Best-liked Coed—Alliker
Easiest-going—Rapoport
Most Cosmopolitan—Kosakowski
Most Modest—Hoffman
Broadest-minded—Dawson
Best Technician—M. Miller
Most Silent—Sapperstein
Most Talkative—S. Miller
Sloppiest Dresser—Cermak
Most Argumentative—Mayer
Most Representative Student—Fish
Best Chance to Succeed—Schumm
Most Alert—Damico

You can keep honey away from Bees,
But you can't keep Crane away from Keyes.
—*R.McGinity, P.L.* (*Poet Lousiette*)

MARYLAND PRODUCT GOES INTERNATIONAL

Here is a success story that will interest all friends of the University of Maryland School of Pharmacy. George A. Bunting, a graduate of the school and former secretary of the Maryland Board of Pharmacy, originated in 1917 a medicated cream called Noxzema. Launched as a local institution, Noxzema's fame spread quickly until it was sold throughout the United States and Canada. Today, with over 14,000,000 jars used yearly, the familiar Noxema jar is found in the farthest corners of the world. Millions have found it a veritable "Wonder Cream" for soothing and relieving skin irritations and promoting quick healing of externally caused skin troubles. Noxzema is also Specially Prepared for Shaving, packed in tubes—used as a base for lather and a soothing latherless shaving cream.

Noxzema Chemical Co.
Baltimore, Md.

BALTIMORE SODA FOUNTAIN MANUFACTURING CO.
INCORPORATED
SODA FOUNTAINS—BEER EQUIPMENT
Carbonators and Supplies
Lunch Room Equipment
101-103 S. Hanover St. Baltimore, Md.

O. K. SHAVING PARLOR
A Shop for Particular Men
FIVE BARBERS — NO WAITING
531 W. BALTIMORE STREET

Miller, in his careless glee,
Mixed some I with NH_3.
When the stuff was dry and thick
Milton h't it with a stick.
Milton's now in heaven they say;
At least he was headed that way.

BURROUGHY

MANUFACTURERS OF
PHARMACEUTICALS
PRIVATE FORMULAS
AND
THE SILVER LINE
COUNTER PACKAGE

Burrough Bros. Mfg. Co.
CANDLER BUILDING
BALTIMORE :: :: MARYLAND

PROCEDURE FOR DINING IN LOCKER ROOM

1. Enter the locker room after an inspiring law lecture.
2. Drop your books in the slush on the locker room floor.
3. Try to open locker. You have opened it at least 2,931 times.
4. After fourteenth trial, locker is opened. An avalanche of books, papers, coat, hat, glass apparatus, etc., shower upon you.
5. Someone walks on your coa'. His shoes are automatically cleaned. The floor has a neat carpet of your lecture notes and experiments. Resolve not to use loose-leaf notebooks hereafter.
6. From broken bags and books extract a bag, theoretically containing your lunch.
7. Pack locker again, using a hydraulic press, or Miller to sit on it. Running block or taekle may also be used. Close locker and prepare for a delightful meal.
8. Decide to your sorrow that you want something to drink. Go over to dental school and buy a chocolate milk. Forget straws. Your lunch is gone when you get back.
9. Take lunch out of Dan's bushel trash can. A friend has thoughtfully preserved it there.
10. With lunch in one hand and milk in other, attempt to dislodge sandwich from bag.
11. Put bottle on floor; someone knocks it over.
12. Don't argue. Go after him. He turns around. He is bigger than you. Smile sweetly and say accidents will always happen. Buy another bottle.
13. Keep both bottle and bag clutched tightly in hands.
14. Get one sandwich out. Take one and one-half bites.
15. A well-aimed shove catapults sandwich from hand. Look at it wistfully. You still have one more.
16. Balance yourself on one leg and then on the other. Your hands are full. The bag is between your teeth.
17. Other sandwich drops (no, almost). Careful, it's the last one.
18. Sit down on floor and try to eat.

Heyman: "Can you drive with one arm, Morris?"

Alliker: "You bet I can, honey."

Heyman: "Fine. Here's an apple."

THE CLAPYRON-CLAUSIUS RELATIONSHIP, OR, WHY WORRY?

BONG! At the sound of the bell, battling Vandy, weight 70,000,000 dynes, leaves his corner, dancing gracefully. From the opposite corner, a bit sluggishly, staggers the Class of '37, in fairly prime condition.

Swop! The fight is on. What excitement! Vandy has just walloped Alperstein with Nernst's Law. He steps back, dances a bit, and puts out Milton Miller's light with a swift uppercut on Graham's Diffusion Law. Rapoport counters with a high potential. Vandy staggers, he retreats—but it is only a feint. Like a crushing bolt of lightning he whams Gillis with the Gibbs Phase Rule. Look out, look out—too late. Sborofsky is counting stars. The coefficient of differential expansion did for him. The round ends, definitely Vandy's. He is unscathed, his hair a trifle mussed, but is smiling happily.

Round two. Vandy lowers the class's morale by assigning experiments. The constant of Homogeneous Equilibrium finishes Cross. Purdum saves the day by blowing air in the gas pipes, putting out all Bunsen burners. Vandy looks dazed for a moment, but he recovers instantly, and extinguishes Enten with the spectroscope. It's a slaughter—man after man goes down. There goes Ellerin—out like a light. A terrific slam with indicators and buffers finishes Hoffman. Oh! What a slaughter! This is terrible.

Round three. Vandy brings in the blue books. At the sight of these, Levy's knees shake so hard that he collapses like a folding chair. Hold on—the fight's over. They have just thrown in the spongy platinum. It was too gruesome to continue. And so Vandy gains the decision over yet another physical chemistry class.

Druggist: So your folks are moving west. Going to settle out there?

Customer's Boy: Why-er-no. Guess we'll have things charged same as here.

COMPLIMENTS OF

F. A. DAVIS & SONS

. . . and . . .

NEUDECKER TOBACCO CO.

Doctor: Has your husband taken the medicine I prescribed? A tablet before each meal and a small whiskey after.

Wife: Well, I think he is a few tablets behind, but he is a month ahead with the whiskey.

UNIVERSITY INN

HOT LUNCHES DAILY

519 WEST LOMBARD STREET

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RECREATION BILLIARDS

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WAGNER and AGNER

PHARMACISTS

Baltimore, Md.

Baltimore and Eutaw Sts.

502 W. Cold Spring Lane

"MILLER THE RIPPER"

Oh, what is so rare, and enjoyable too,
As an instructor whose pranks are everlastingly new?

So this is the saga of one very chipper
Whom the students all call "Miller the Ripper."

He works and he marks, and he plays with a grin,
Where even to smile is considered a sin.
He examines your pills with all due care,
But squeezes them flat while you're not there.

You have to make capsules all over again,
For handing in twelve, but having just ten;
Your powders he turns from white to black
And then yells for you to take them right back.

Whenever the walls start to sway and to shake,
The windows to rattle and the dead to wake,
You know that the "Ripper" is out for blood,
And you'd better watch out or your name is mud.

He mixes strange things, and he wants to know why
The gas he produces is making you cry;
He works with things I rather would not;
The fires he makes, for me are too hot.

What he seeks to find, nobody knows,
But we'll all be sorry whenever he goes.
So here is a toast to a joker and a quipper,
He whom they call "Miller—the Ripper."

PHARMACEUTICAL FACTS

(Continued from Page 128)

still used as drugs today.

In the West, which is still wilder than many people believe, there are some unusual drug-stores. Perhaps the most unusual of these is the "Cowboy Drug Store" of Caspar, Wyoming. Their prescription label reads as follows:

"Made in the back room of
THE CASPAR PHARMACY,
In the City of Caspar, State of Wyoming,
Where hopes are high and bank balances are low;
Where strong winds blow, alkali waters flow,
And future presidents grow."

Since 1868

A. T. JONES & SONS

"COSTUMES"

Graduating Caps and Gowns
Costumes to Order
Costumes Shipped Everywhere
Tuxedo, Full Dress and Cutaway
Suits for Hire

823 N. HOWARD STREET

...THE...

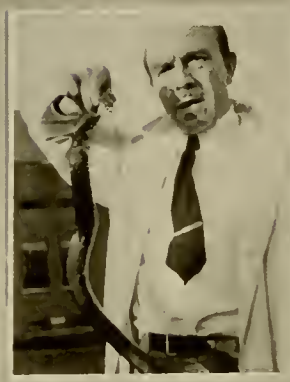
HENRY B. GILPIN COMPANY

Wholesale Druggists

MANUFACTURING
PHARMACISTS and DRUGGISTS
SUNDRYMEN

BALTIMORE, MD. NORFOLK, VA.
WASHINGTON, D. C.

★ ★ ★ ★ ★ ★ ★



In a Malayan Jungle I made my Strangest "Find"

By Frank Buck BRYAN

Author of "Bring 'em back alive"

TRAPPING and handling ferocious animals is no joke, but I'd rather face a wild beast than shave with [illegible] blade.

Acid-base equilibri[um] ception. This equil[ibrium] upset and nothing s[o] quickly and decisive[ly] disturbances. . . . I[t] especially prompt in [psy]chological stimuli. It[s] ing thyroxin, are pro[duced] sexual intercourse m[ay] almost to constitut[e] energetic secretion [of] pear to be an essen[tial] ception. Inhibitin[g] thyroid by emotiona[l] ditions is therefore a[n] important, factor in m[an]

Constant conta[ct] wi[ll] bring about a wholesom[e] anxious household. Dr. [At]tention is distracted f[rom] sonal problems through [the] interest and affection o[f] newcomer . . . and it is [an] uncommon experience [to] have been victims of se[vere] discover that the intima[l] arterial hypertension m[ay] gangrene of feet and hand[s] ing in tuberculosis flaccid[ity] der and intestines, bed sore[s]

Baby Induction

The belief that if a chil[d] adopt a baby they may s[oon] one of their own is [as] Abraham's Sa[rah] Ishmael

Jarzan

Assistants at play

What no Ergot?

Med. Convention

Initiation

Phi Delta Chi

Well dressed Technicians

COMPLIMENTS

OF

A FRIEND

Compliments of

Solomon's Pharmacies

524 W. Baltimore St.

631 W. Lexington St.

1342 Pennsylvania Ave.

BALTIMORE, MD.

COMPLIMENTS

OF

SHARP & DOHME

PHILADELPHIA

and

BALTIMORE

ON ASSEMBLING DISTILLING APPARATUS

Having decided that the experimen calls for distilling apparatus, you will proceed to collect your material. First you will take your condenser, which, of course, is still dirty from the last experiment. Thus you are faced with the alternative of either drawing a condenser from the stock room or else cleaning the old one. A hasty glance at Patty's Price List will convince you that it is better to use your old condenser. You will therefore proceed to clean it. Your cleaning brush will effectively clean those first four inches closest to the ends, after which you must either snip off the top of the brush or else force a strip of towel through the tube. Since the brush is fairly expensive, you will resor to the towel method. After the towel has become firmly wedged in the tube about 6 inches from the top, you will hastily withdraw it and decide that a rinsing will suffice. This you will proceed to do, using your thumb as a stopper for one end of the condenser which is oo long for the trough. It is now necessary to prepare stoppers for the various outlets of the condenser. In selecting the number bore to use in drilling your stopper it is always wisest to use those which are thoroughly plugged up with cork since this indicates previous usage and is therefore probably the right size. You will realize your mistake as soon as you try to force the glass tubing through the bored stoppers, but persistence and *q. s.* glass tubing should ultimately end in success. You will then proceed to set up the complete apparatus. When this is finished, you will find that you have not left enough space between the end of your condenser and the table top to insert your receiving flask. Calling your partners on both sides of the table to your aid, you will proceed to vary the angles until by placing your flask on your box of weights, which in turn rests on your inverted water-bath which rests on your text-book you are within receiving distance of the end of the condenser. Having completed what you believe to be a masterpiece, you will call an assistant to check the apparatus. He will undoubtedly find that you have forgotten to flame-polish the ends of your tubing and force you to dismantle the apparatus, but by that time the period should be about over.

FOR THEIR COOPERATION
AND ASSISTANCE, WE WISH TO
EXPRESS OUR APPRECIATION
TO THE FOLLOWING:

DEAN ANDREW G. DuMEZ

DR. EMANUEL V. SHULMAN
Faculty Advisor

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The Modern Annual

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119 W. Mulberry Street BALTIMORE

AUTOGRAPHS

DENTISTRY

1935
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HOSPITAL
MEDICAL SCHOOL